

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

April 15, 2019

TO: Community Planning/Sponsor Group Chairpersons

FROM: Secretary, Traffic Advisory Committee

MEETING NOTICE

Attached is the preliminary agenda for the April 26, 2019, meeting of the Traffic Advisory Committee (TAC). The meeting will begin at 9:00 AM in the following location:

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

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

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

Very truly yours,

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

KRJ:bb

Attachment



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

April 26, 2018 ~ 9:00 AM

5510 Overland Ave, Room 271

San Diego CA, 92123

AGENDA

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

SUBJECT	LOCATION	AREA	PLANNING/ SPONSOR GROUP
<u>SUPERVISORIAL DISTRICT 2</u>			
2-A. INTERSECTION CONTROL	ORVILLE ST & THAYER DR	SPRING VALLEY	SPRING VALLEY
<u>SUPERVISORIAL DISTRICT 3</u>			
3-A. SPEED LIMIT	LAKE DR/RANCHO DR	DEL DIOS	SAN DIEGUITO
<u>SUPERVISORIAL DISTRICT 5</u>			
5-A. RADAR RECERTIFICATION	BURMA RD	FALLBROOK	FALLBROOK

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: April 26, 2019 **Item 2-A**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Intersection Control

LOCATION: Orville Street & Thayer Drive, SPRING VALLEY
(Thos. Bros. 1291-B3)

INITIATED BY: DPW Traffic Engineering

REQUEST: All-Way Stop Control

PROBLEM AS STATED BY REQUESTER:

The intersection of Orville Street & Thayer Drive meets California MUTCD, Section 2B.07, Optional Criteria B & D, therefore an all-way stop control could be considered.

Existing Traffic Devices

Orville Street is a striped two-lane roadway with no passing centerline striping. The road runs east/west and has a 24 foot travelled way on a 36 foot road bed. The roadway is unclassified on the County General Plan Mobility Element Network and posted 25 MPH.

Thayer Drive is a striped two-lane roadway with no passing centerline striping. The roadway runs north/south with a 24 foot travelled way and a 36 foot road bed. This roadway is unclassified on the County General Plan Mobility Element Network and has no posted speed limit.

Average Daily Traffic Volumes Approach

02/19

Orville Street

1000 EB
930 WB

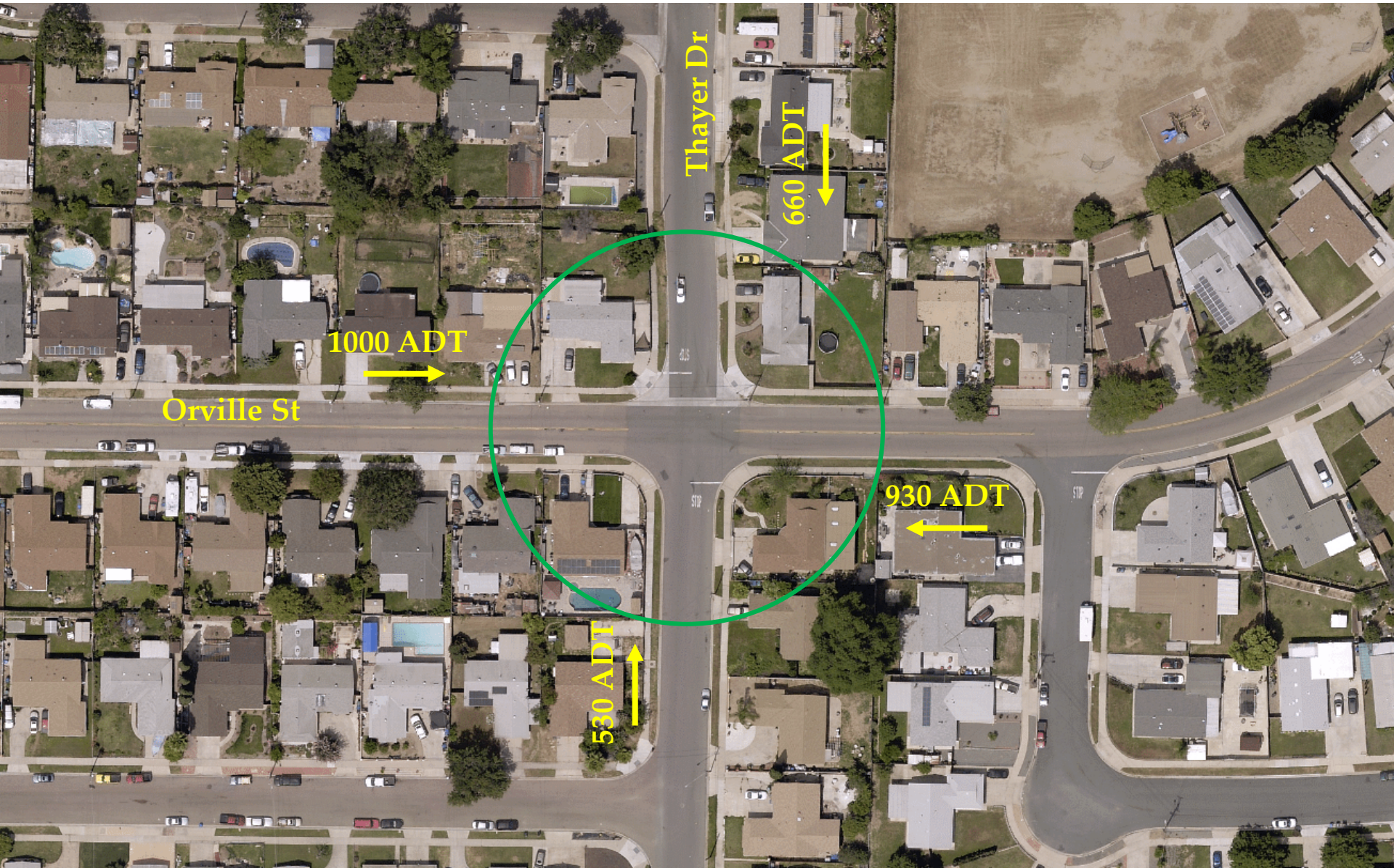
Thayer Drive

530 NB
660 SB

Collision Data

There have been 3 reported collisions at this intersection, none of which involved injury in the last 3 year period (01-01-10 to 12-31-18). These collisions result in an intersection accident rate of 0.88 collisions per million vehicle entering. The statewide average is 0.23 collisions per million vehicle entering for similar 4-way intersections with stop controls, excluding 4-way stop controls.

2-A. Intersection Control Orville St & Thayer Dr





County of San Diego

RICHARD E. CROMPTON
DIRECTOR

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Web Site: www.sdcountry.ca.gov/dpw/

COUNTY TRAFFIC ENGINEER RECOMMENDATION

Date: March 26, 2019

Item Title: All-Way Stop Control

Location: Orville Street and Thayer Drive Intersection, Spring Valley

CTE Recommendation: **Install an All-Way Stop Control** *ZAO*

Conditions:

- Section 21354 "Stop Signs on Local Highways" of the California Vehicle Code (CVC) authorizes local agencies to designate any intersection under its exclusive jurisdiction as a stop intersection.
- Section 2B.07 "Multi-Way Stop Applications" of the California Manual on Uniform Traffic Control Devices (MUTCD) provides guidelines that should and/or may be considered in an engineering study when evaluating an intersection for an all-way stop control.
- Option B of Section 2B.07 - An All-Way Stop Control may be considered to control vehicle/pedestrian conflicts near locations that generate high pedestrian volumes, such as schools. The subject intersection of Orville Street and Thayer Drive is located within La Presa Middle school zone.
- In addition, Option D of section 2B.07 - An all-way stop control may be considered at an intersection of two residential collectors of similar design and the all-way stop would enhance the traffic operations of said intersection. Both Orville Street and Thayer Drive are residential collectors.
- Pursuant to CVC section 21354 coupled with traffic conditions noted above in accordance with Section 2B.07 of the California MUTCD, it is my recommendation that an All-Way Stop Control is appropriate and safe for the intersection of Orville Street and Thayer Drive.

VOLUME

Thayer Dr & Orville St

Day: Thursday
Date: 2/28/2019City: Spring Valley
Project #: CA19_4076_001

DAILY TOTALS					NB	SB	EB					WB	Total				
					531	657						999					
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL					
00:00	0	2	2	1	5		12:00	6	4	11	11	32					
00:15	1	0	4	2	7		12:15	4	3	16	11	34					
00:30	0	0	2	1	3		12:30	4	5	15	17	41					
00:45	1	2	0	2	10	5	12:45	8	22	6	18	51	36	143			
01:00	1	0	2	3	6		13:00	2	5	20	6	33					
01:15	0	0	2	0	2		13:15	2	4	16	12	34					
01:30	1	0	0	0	1		13:30	6	3	15	9	33					
01:45	0	2	1	1	5	2	13:45	6	16	4	16	36	35	135			
02:00	0	0	1	0	1		14:00	7	9	29	20	65					
02:15	0	1	2	0	3		14:15	6	20	23	52	101					
02:30	1	1	1	0	3		14:30	11	19	22	40	92					
02:45	0	1	0	2	1	5	14:45	22	46	28	76	29	103	21	133	100	358
03:00	2	0	1	0	3		15:00	21	36	27	20	104					
03:15	1	1	1	0	3		15:15	16	20	28	0	64					
03:30	3	1	1	1	6		15:30	13	13	20	0	46					
03:45	0	6	0	2	0	3	15:45	6	56	10	79	24	99	0	20	40	254
04:00	0	0	0	2	2		16:00	14	17	26	0	57					
04:15	0	0	0	2	2		16:15	11	6	20	0	37					
04:30	0	0	0	2	2		16:30	6	9	25	0	40					
04:45	1	1	1	0	4	8	16:45	10	41	7	39	16	87	0	33	167	
05:00	0	0	0	3	3		17:00	13	14	27	19	73					
05:15	0	0	1	3	4		17:15	14	14	24	13	65					
05:30	2	1	2	4	9		17:30	6	5	24	17	52					
05:45	1	3	3	4	12	28	17:45	11	44	6	39	19	94	17	66	53	243
06:00	5	6	3	6	20		18:00	6	7	26	21	60					
06:15	3	5	3	12	23		18:15	7	1	12	15	35					
06:30	4	2	1	11	18		18:30	9	1	14	8	32					
06:45	9	21	14	27	11	18	18:45	5	27	7	16	18	70	7	51	37	164
07:00	15	22	9	32	78		19:00	6	3	22	9	40					
07:15	9	11	10	19	49		19:15	7	5	9	1	22					
07:30	15	21	11	24	71		19:30	4	5	13	8	30					
07:45	33	72	50	104	20	50	19:45	7	24	6	19	14	58	6	24	33	125
08:00	36	73	20	74	203		20:00	4	2	12	10	28					
08:15	37	61	19	38	155		20:15	3	8	9	10	30					
08:30	8	6	10	17	41		20:30	1	2	12	3	18					
08:45	2	83	2	142	3	52	20:45	2	10	1	13	14	47	10	33	27	103
09:00	3	3	6	5	17		21:00	3	1	9	2	15					
09:15	5	5	8	9	27		21:15	1	1	5	4	11					
09:30	5	5	8	10	28		21:30	1	1	5	1	8					
09:45	2	15	3	16	10	32	21:45	1	6	3	6	8	27	7	14	19	53
10:00	1	2	6	5	14		22:00	0	1	5	7	13					
10:15	4	2	9	10	25		22:15	5	4	6	3	18					
10:30	2	1	14	10	27		22:30	3	2	8	2	15					
10:45	7	14	7	12	11	40	22:45	0	8	0	7	4	23	2	14	6	52
11:00	1	3	13	8	25		23:00	2	1	2	3	8					
11:15	3	7	11	10	31		23:15	0	0	0	0	0					
11:30	1	3	10	13	27		23:30	1	0	1	1	3					
11:45	1	6	1	14	23	106	23:45	2	5	1	2	2	5	1	5	6	17
TOTALS	226	327	267	482	1302		TOTALS	305	330	732	447	1814					
SPLIT %	17.4%	25.1%	20.5%	37.0%	41.8%		SPLIT %	16.8%	18.2%	40.4%	24.6%	58.2%					

DAILY TOTALS					NB	SB						EB	WB						Total
					531	657						999	929						3,116
AM Peak Hour	07:30	07:30	07:30	07:30	07:30		PM Peak Hour	14:45	14:15	14:30	14:00	14:15							14:15
AM Pk Volume	121	205	70	205	601		PM Pk Volume	72	103	106	133	397							397
Pk Hr Factor	0.818	0.702	0.875	0.693	0.740		Pk Hr Factor	0.818	0.715	0.914	0.639	0.954							0.954
7 - 9 Volume	155	246	102	286	789		4 - 6 Volume	85	78	181	66	410							410
7 - 9 Peak Hour	07:30	07:30	07:30	07:30	07:30		4 - 6 Peak Hour	17:00	16:30	17:00	17:00	17:00							17:00
7 - 9 Pk Volume	121	205	70	205	601		4 - 6 Pk Volume	44	44	94	66	243							243
Pk Hr Factor	0.818	0.702	0.875	0.693	0.740		Pk Hr Factor	0.786	0.786	0.870	0.868	0.832							0.832

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: April 26, 2019 **Item 3-A**

SUPERVISORIAL DISTRICT: 3

SUBJECT: Speed Limit/Radar Certification

LOCATION: Lake Drive/Rancho Drive (2.28 miles) DEL DIOS
(Thos. Bros. 1129-E7)

INITIATED BY: DPW Traffic Engineering

REQUEST: Speed Limit

PROBLEM AS STATED BY REQUESTER:

Lake Drive from Via Rancho Parkway to Ash Street has no posted speed limit. Lake Drive from Ash Street to Nutmeg Lane has a posted speed limit of 25MPH. Lake Drive/Rancho Drive from Nutmeg Lane to Del Dios Highway has no posted speed limit. Preliminary review of prevailing speeds and roadway conditions on Lake Drive/Rancho Drive from Via Rancho Parkway to Del Dios Highway could support radar certification for a 30 MPH speed limit.

Existing Traffic Devices

Lake Drive is a striped two-lane roadway with no passing centerline striping. The roadway runs north/south and has a 24 foot travelled way/road bed. There is a speed advisory reverse curve and an All-Way Stop controlled intersection along the roadway. It is unclassified on the County General Plan Mobility Element Network. Lake Drive is currently unposted from Via Rancho Parkway to Ash Street and from Nutmeg Lane to Rancho Drive. Lake Drive is posted 25MPH from Ash Street to Nutmeg Lane.

Rancho Drive is a striped two-lane roadway with no passing centerline striping. The roadway runs east/west and has a 24-28 foot travelled way on a 28-32 foot road bed. The road is unclassified on the County General Plan Mobility Element Network. Rancho Drive has no speed limit posted.

Lake Drive/Rancho Drive is a 7 ton weight restricted roadway from Via Rancho Parkway to Del Dios Highway.

<u>Average Daily Traffic Volumes</u>	<u>10/18</u>
Lake Dr	
200' S/o Via Rancho Pkwy	1,255
Rancho Dr	
200' E/o Del Dios Hwy	1,120

<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Lake Dr				
200' N/o Palm Ln	(2018)	34.9 MPH	24-33	61.0%
Rancho Dr				
250' E/o Yew Ln	(2018)	33.4 MPH	22-31	64.0%
Speed Zone	(2018)	34.4 MPH	22-31	61.0%

Collision Data

There have been 7 reported collisions along this segment of roadway, 4 of which involved injury, in a 3 year period (01-01-15 to 12-31-18). These collisions result in a segment accident rate of 2.36 collisions per million vehicle miles. The statewide average is 1.19 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speed limit between 45 to 55 mile per hour.

3-A. Speed Limit

**Lake Dr/Rancho Dr from Via Rancho Pkwy to Del Dios Highway
(2.28 miles)**





County of San Diego

RICHARD E. CROMPTON
DIRECTOR


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COUNTY TRAFFIC ENGINEER RECOMMENDATION

Date: April 5, 2019

Item Title: Speed Limit and Radar Certification

Location: Lake Drive/Rancho Drive between Via Rancho Parkway and Del Dios Highway

CTE Recommendation: **Establish 30 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 or 85th % speed of motorists.
- Lake Drive/Rancho Drive is a two-lane roadway that measures approximately 22 to 24 feet in width, with ungraded shoulder throughout its length of 2.38 miles. There is a double yellow centerline throughout its entire length. ²
- Recent speed surveys on Lake Drive/Rancho Drive taken in April 2018 resulted in an overall 85th % speed of 34.4 mph, which could support a speed limit of 30 mph using radar for speed enforcement.

- A review of the roadway collision data for a 3 year period (Jan 2016 to December 2018) shows a total of 7 collisions on Lake Drive/Rancho Drive with a collision rate of 2.36 collisions per million-vehicle-mile (c/mvm) compared to a state average of 1.19 c/mvm for similar roadway.

Pursuant to CVC section 22358 coupled with above conditions on Lake Drive/Rancho Drive and the guidance of the CA MUTCD section 2B.13, a 30 mph radar enforced speed limit on Lake Drive/Rancho Drive from Via Rancho Parkway to Del Dios Highway is reasonable and safe.

VOLUME

Lake Dr 200' S/O Via Rancho Pkwy

Day: Thursday
Date: 10/18/2018City: Escondido
Project #: CA18_4371_004

DAILY TOTALS					NB	SB	EB					WB	Total
					946	307						0	0
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL		
00:00	0	2			2	12:00	9	2			11		
00:15	0	1			1	12:15	5	3			8		
00:30	1	0			1	12:30	9	4			13		
00:45	0	1	0	3	4	12:45	5	28	4	13	41		
01:00	0	0			0	13:00	9	4			13		
01:15	0	0			0	13:15	10	2			12		
01:30	1	0			1	13:30	11	4			15		
01:45	0	1	0		1	13:45	2	32	7	17	49		
02:00	0	1			1	14:00	8	2			10		
02:15	0	1			1	14:15	10	3			13		
02:30	0	0			0	14:30	12	4			16		
02:45	0	0	2		2	14:45	17	47	5	14	61		
03:00	3	0			3	15:00	9	5			14		
03:15	0	0			0	15:15	24	3			27		
03:30	0	0			0	15:30	41	4			45		
03:45	0	3	0		3	15:45	75	149	5	17	166		
04:00	1	0			1	16:00	74	4			78		
04:15	0	0			0	16:15	68	5			73		
04:30	0	0			0	16:30	61	9			70		
04:45	0	1	0		1	16:45	65	268	8	26	294		
05:00	1	0			1	17:00	43	5			48		
05:15	1	0			1	17:15	46	9			55		
05:30	2	0			2	17:30	25	6			31		
05:45	0	4	1	1	5	17:45	41	155	4	24	179		
06:00	3	5			8	18:00	28	10			38		
06:15	2	1			3	18:15	13	6			19		
06:30	3	5			8	18:30	13	2			15		
06:45	6	14	5	16	30	18:45	6	60	3	21	81		
07:00	4	5			9	19:00	11	4			15		
07:15	5	15			20	19:15	10	8			18		
07:30	4	8			12	19:30	7	2			9		
07:45	6	19	5	33	52	19:45	6	34	0	14	48		
08:00	6	5			11	20:00	1	2			3		
08:15	8	3			11	20:15	2	4			6		
08:30	6	5			11	20:30	2	3			5		
08:45	1	21	7	20	41	20:45	2	7	4	13	20		
09:00	8	5			13	21:00	1	1			2		
09:15	11	9			20	21:15	2	2			4		
09:30	7	2			9	21:30	5	3			8		
09:45	2	28	2	18	46	21:45	0	8	2	8	16		
10:00	6	5			11	22:00	1	0			1		
10:15	4	5			9	22:15	1	0			1		
10:30	7	5			12	22:30	0	1			1		
10:45	7	24	3	18	42	22:45	2	4	1	2	6		
11:00	10	4			14	23:00	2	1			3		
11:15	9	7			16	23:15	0	0			0		
11:30	7	7			14	23:30	2	1			3		
11:45	8	34	7	25	59	23:45	0	4	0	2	6		
TOTALS	150	136			286	TOTALS	796	171			967		
SPLIT %	52.4%	47.6%			22.8%	SPLIT %	82.3%	17.7%			77.2%		

DAILY TOTALS					NB	SB						EB	WB	Total
					946	307						0	0	1,253
AM Peak Hour	11:00	06:45			11:00	PM Peak Hour	15:45	16:30			15:45			
AM Pk Volume	34	33			59	PM Pk Volume	278	31			301			
Pk Hr Factor	0.850	0.550			0.922	Pk Hr Factor	0.927	0.861			0.941			
7 - 9 Volume	40	53	0	0	93	4 - 6 Volume	423	50	0	0	473			
7 - 9 Peak Hour	07:45	07:00			07:15	4 - 6 Peak Hour	16:00	16:30			16:00			
7 - 9 Pk Volume	26	33	0	0	54	4 - 6 Pk Volume	268	31	0	0	294			
Pk Hr Factor	0.813	0.550	0.000	0.000	0.675	Pk Hr Factor	0.905	0.861	0.000	0.000	0.942			

VOLUME

Rancho Dr 200' E/O Del Dios Hwy

Day: Thursday
Date: 10/18/2018City: Escondido
Project #: CA18_4371_003

DAILY TOTALS					NB	SB	EB					WB	Total	
					0	0	225					897	1,122	
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL			
00:00			0	0	0	12:00			6	6	12			
00:15			0	0	0	12:15			7	3	10			
00:30			0	0	0	12:30			2	3	5			
00:45			0	0	0	12:45			5	20	10	37		
01:00			0	0	0	13:00			6	4	10			
01:15			0	0	0	13:15			1	7	8			
01:30			0	0	0	13:30			1	9	10			
01:45			0	0	0	13:45			3	11	7	35		
02:00			0	0	0	14:00			5	4	9			
02:15			0	0	0	14:15			0	13	13			
02:30			0	0	0	14:30			6	8	14			
02:45			0	0	0	14:45			6	17	21	57		
03:00			0	0	0	15:00			1	13	14			
03:15			0	0	0	15:15			2	22	24			
03:30			0	0	0	15:30			2	63	65			
03:45			0	0	0	15:45			2	7	89	192		
04:00			0	0	0	16:00			2	103	105			
04:15			1	0	1	16:15			5	84	89			
04:30			0	0	0	16:30			3	76	79			
04:45			0	1	0	16:45			3	13	66	339		
05:00			1	0	1	17:00			1	41	42			
05:15			0	0	0	17:15			1	45	46			
05:30			0	0	0	17:30			4	40	44			
05:45			0	1	1	17:45			1	7	37	169		
06:00			0	2	2	18:00			2	20	22			
06:15			1	2	3	18:15			2	8	10			
06:30			1	0	1	18:30			3	7	10			
06:45			16	18	2	18:45			1	8	3	45		
07:00			9	2	11	19:00			4	5	9			
07:15			10	2	12	19:15			9	2	11			
07:30			11	2	13	19:30			5	5	10			
07:45			4	34	0	19:45			2	20	4	34		
08:00			3	3	6	20:00			1	3	4			
08:15			3	2	5	20:15			4	1	5			
08:30			3	6	9	20:30			4	5	9			
08:45			6	15	4	20:45			2	11	5	23		
09:00			1	2	3	21:00			1	2	3			
09:15			3	0	3	21:15			2	3	5			
09:30			3	0	3	21:30			1	0	1			
09:45			2	9	1	21:45			0	4	2	11		
10:00			2	6	8	22:00			0	0	0			
10:15			5	2	7	22:15			0	1	1			
10:30			1	3	4	22:30			0	0	0			
10:45			4	12	6	22:45			1	1	1	2		
11:00			3	4	7	23:00			0	1	1			
11:15			3	6	9	23:15			0	1	1			
11:30			6	7	13	23:30			0	0	0			
11:45			4	16	5	23:45			0	0	0	2		
TOTALS	106				70	176	TOTALS	119				827	946	
SPLIT %	60.2%				39.8%	15.7%	SPLIT %	12.6%				87.4%	84.3%	

DAILY TOTALS					NB	SB						EB	WB	Total
					0	0						225	897	1,122
AM Peak Hour			06:45	11:15	06:45	PM Peak Hour			12:00	15:45	15:45			
AM Pk Volume			46	24	54	PM Pk Volume			20	350	362			
Pk Hr Factor			0.719	0.857	0.750	Pk Hr Factor			0.714	0.850	0.862			
7 - 9 Volume	0	0	49	21	70	4 - 6 Volume	0	0	20	488	508			
7 - 9 Peak Hour			07:00	08:00	07:00	4 - 6 Peak Hour			16:00	16:00	16:00			
7 - 9 Pk Volume	0	0	34	15	40	4 - 6 Pk Volume	0	0	13	326	339			
Pk Hr Factor	0.000	0.000	0.773	0.625	0.769	Pk Hr Factor	0.000	0.000	0.650	0.791	0.807			



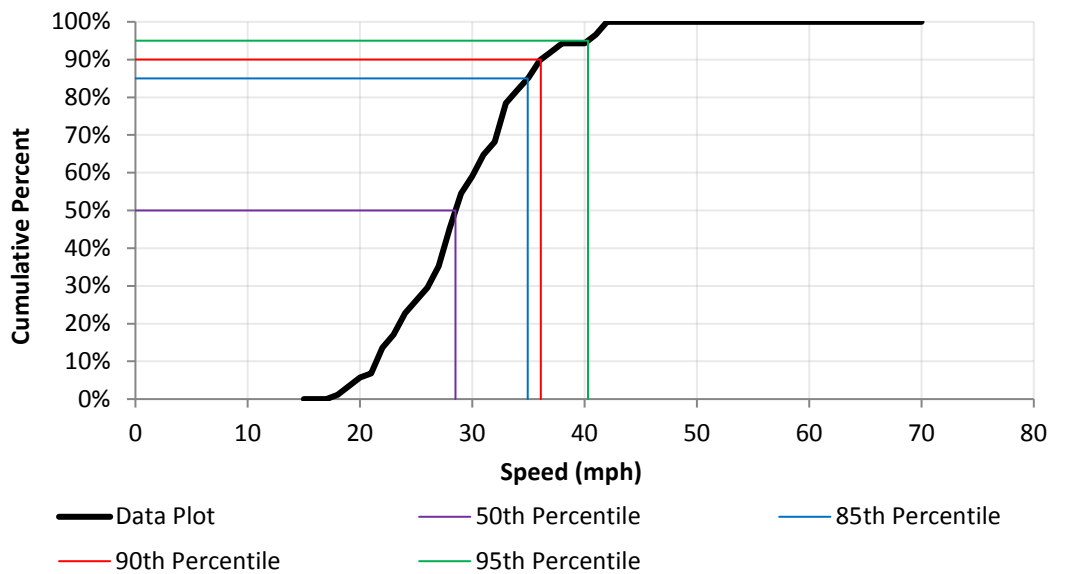
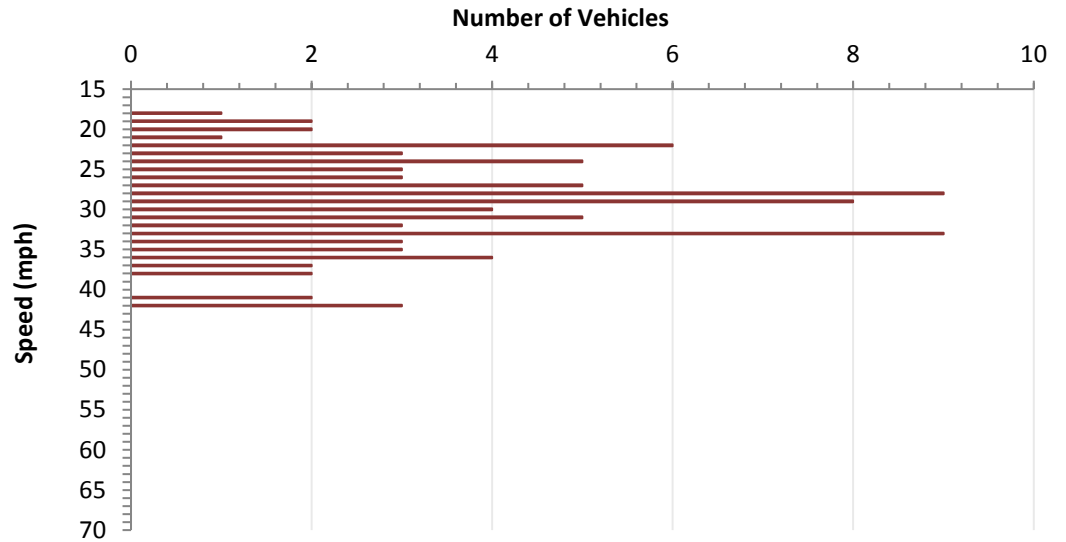
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Lake Dr	From:	Via Rancho Pkwy	To:	Rancho Dr
Position:	200' NO Palm Dr	Direction:	NB/SB		

Date:	4/10/2018	Weather:	Clear	Project Number:	18-4121-030
Time Start:	11:10 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	1:10 PM	Posted Speed:	Unposted	Calibration Test:	-

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18	1	1.1%
19	2	3.4%
20	2	5.7%
21	1	6.8%
22	6	13.6%
23	3	17.0%
24	5	22.7%
25	3	26.1%
26	3	29.5%
27	5	35.2%
28	9	45.5%
29	8	54.5%
30	4	59.1%
31	5	64.8%
32	3	68.2%
33	9	78.4%
34	3	81.8%
35	3	85.2%
36	4	89.8%
37	2	92.0%
38	2	94.3%
39		
40		
41	2	96.6%
42	3	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	88	



DATA ANALYSIS

Average Speed	29.4	Range	18 - 42
50th Percentile	28.5	10 mph Pace	24 - 33
85th Percentile	34.9	Number in Pace	54
90th Percentile	36.1	Percent in Pace	61%
95th Percentile	40.3		



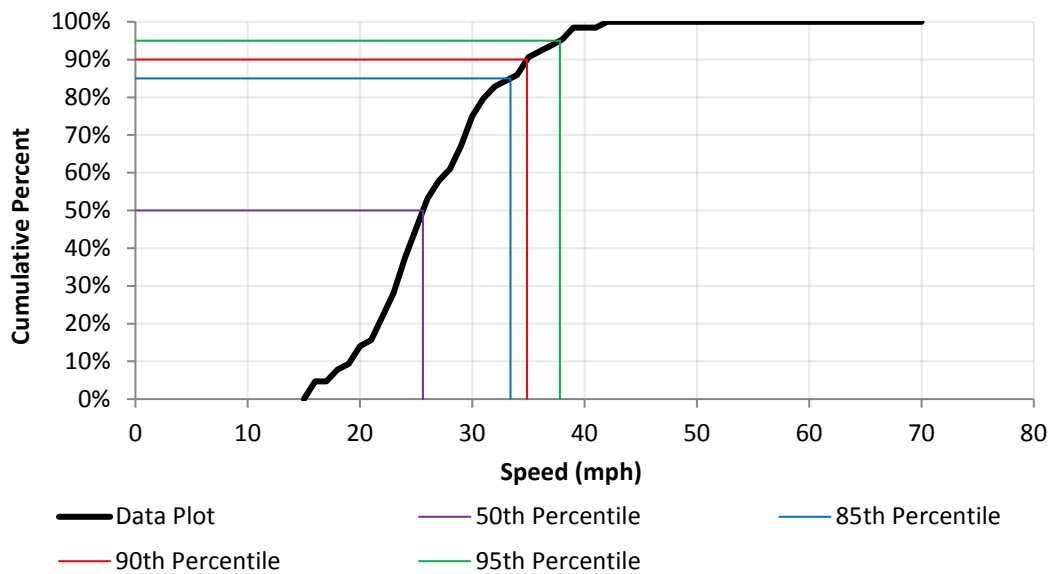
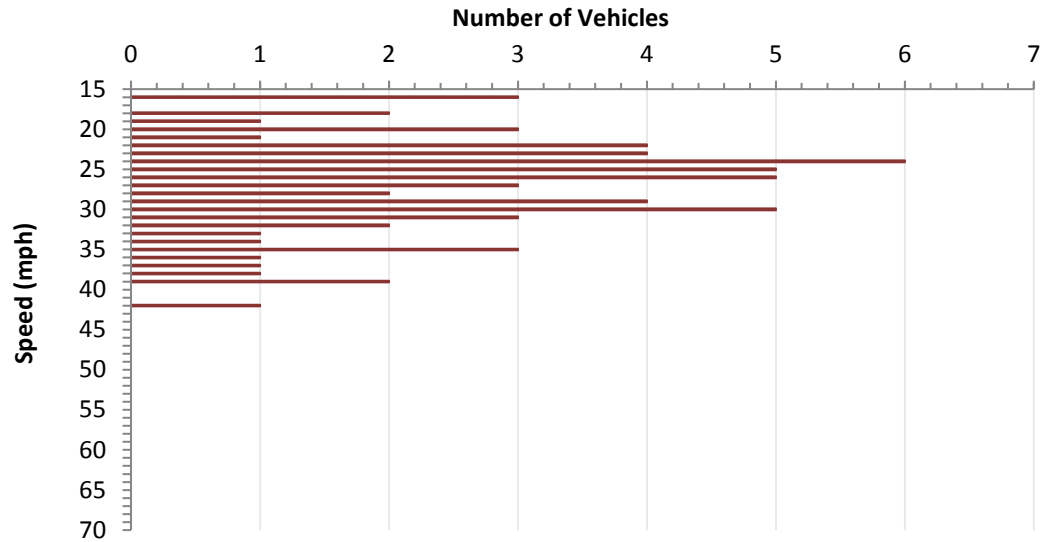
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Rancho Dr	From:	Lake Dr	To:	Del Dios Highway
Position:	250' E/o Yew Ln	Direction:	EB/WB		

Date:	4/10/2018	Weather:	Clear	Project Number:	18-4121-017
Time Start:	9:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:00 AM	Posted Speed:	Unposted	Calibration Test:	-

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16	3	4.7%
17		
18	2	7.8%
19	1	9.4%
20	3	14.1%
21	1	15.6%
22	4	21.9%
23	4	28.1%
24	6	37.5%
25	5	45.3%
26	5	53.1%
27	3	57.8%
28	2	60.9%
29	4	67.2%
30	5	75.0%
31	3	79.7%
32	2	82.8%
33	1	84.4%
34	1	85.9%
35	3	90.6%
36	1	92.2%
37	1	93.8%
38	1	95.3%
39	2	98.4%
40		
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	64	



DATA ANALYSIS

Average Speed	27.0	Range	16 - 42
50th Percentile	25.6	10 mph Pace	22 - 31
85th Percentile	33.4	Number in Pace	41
90th Percentile	34.9	Percent in Pace	64%
95th Percentile	37.8		

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: April 26, 2019

Item 5-A

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Recertification

LOCATION: Burma Road from Olive Hill Road to Luneta Lane (a distance of 0.63 miles) FALLBROOK (Thos. Bros. 1047-G4)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Burma Road from Olive Hill Road to Luneta Lane has a posted 45 MPH Radar Enforced speed limit. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

Burma Road is a striped two-lane roadway with a 24 foot travelled way on a 30 foot road bed. The roadway is striped with a double yellow center line and white edgeline. Burma Road The road is unclassified on the County General Plan Mobility Element Network. Oak Creek Drive has a posted speed limit of 45 MPH Radar Enforced.

Average Daily Traffic Volumes

Burma Road

500' W/o Olive Hill Road

12/18

1,880

10/11

2540

Speed Data

Willow Road

580' E/o Cazador Lane

(2018)

(2011)

**85th
Percentile**

45.4 MPH

48.5 MPH

**10 MPH
Pace**

37-46

39-48

**% in
Pace**

54.0%

54.7%

Collision Data

There have been 2 reported collisions along this segment of roadway, 0 of which involved injury, in a 3 year period (01-01-16 to 12-31-18). These collisions result in a segment accident rate of 1.62 collisions per million vehicle miles. The statewide average is 1.19 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speed limit between 45-55 MPH.

5-A. Radar Recertification

Burma Rd from Olive Hill Rd to Luneta Ln (0.63 miles)



VOLUME

Burma Rd 500' W/O Olive Hill Rd

Day: Tuesday
Date: 12/11/2018City: Fallbrook
Project #: CA18_4458_012

DAILY TOTALS					NB	SB						EB	WB						Total
					0	0						949	932						1,881
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL							TOTAL
00:00			1	2	3		12:00			11	11	22							
00:15			1	0	1		12:15			7	17	24							
00:30			0	1	1		12:30			14	12	26							
00:45			1	3	0	3	12:45			10	42	12	52	22	94				
01:00			0	0	0		13:00			11	7	18							
01:15			1	2	3		13:15			8	11	19							
01:30			0	1	1		13:30			12	8	20							
01:45			0	1	0	3	13:45			13	44	14	40	27	84				
02:00			0	0	0		14:00			15	14	29							
02:15			0	0	0		14:15			20	22	42							
02:30			0	0	0		14:30			11	14	25							
02:45			1	1	1	1	14:45			14	60	14	64	28	124				
03:00			0	0	0		15:00			30	23	53							
03:15			0	0	0		15:15			23	23	46							
03:30			0	0	0		15:30			18	21	39							
03:45			1	1	0	1	15:45			27	98	20	87	47	185				
04:00			0	0	0		16:00			33	19	52							
04:15			1	0	1		16:15			28	23	51							
04:30			3	0	3		16:30			67	21	88							
04:45			1	5	3	3	16:45			31	159	16	79	47	238				
05:00			5	3	8		17:00			28	20	48							
05:15			2	2	4		17:15			24	13	37							
05:30			6	4	10		17:30			17	15	32							
05:45			15	28	8	17	17:45			16	85	8	56	24	141				
06:00			6	4	10		18:00			8	7	15							
06:15			7	14	21		18:15			11	7	18							
06:30			15	35	50		18:30			9	10	19							
06:45			18	46	81	134	18:45			6	34	10	34	16	68				
07:00			13	31	44		19:00			11	6	17							
07:15			23	29	52		19:15			9	7	16							
07:30			19	25	44		19:30			3	11	14							
07:45			14	69	12	97	19:45			3	26	6	30	9	56				
08:00			12	21	33		20:00			4	5	9							
08:15			14	18	32		20:15			0	7	7							
08:30			18	9	27		20:30			2	3	5							
08:45			11	55	14	62	20:45			6	12	7	22	13	34				
09:00			18	17	35		21:00			5	4	9							
09:15			9	9	18		21:15			3	5	8							
09:30			14	9	23		21:30			0	3	3							
09:45			19	60	7	42	21:45			3	11	2	14	5	25				
10:00			9	9	18		22:00			3	3	6							
10:15			13	7	20		22:15			1	3	4							
10:30			10	14	24		22:30			2	5	7							
10:45			16	48	12	42	22:45			0	6	0	11	0	17				
11:00			15	5	20		23:00			0	1	1							
11:15			12	8	20		23:15			1	0	1							
11:30			12	12	24		23:30			1	1	2							
11:45			14	53	12	37	23:45			0	2	0	2	0	4				
TOTALS			370	441	811		TOTALS			579	491	1070							
SPLIT %			45.6%	54.4%	43.1%		SPLIT %			54.1%	45.9%	56.9%							

DAILY TOTALS					NB	SB						EB	WB						Total
					0	0						949	932						1,881
AM Peak Hour			06:45	06:30	06:30		PM Peak Hour			16:00	15:00	15:45							
AM Pk Volume			73	176	245		PM Pk Volume			159	87	238							
Pk Hr Factor			0.793	0.543	0.619		Pk Hr Factor			0.593	0.946	0.676							
7 - 9 Volume	0	0	124	159	283		4 - 6 Volume	0	0	244	135	379							
7 - 9 Peak Hour			07:00	07:00	07:00		4 - 6 Peak Hour			16:00	16:15	16:00							
7 - 9 Pk Volume	0	0	69	97	166		4 - 6 Pk Volume	0	0	159	80	238							
Pk Hr Factor	0.000	0.000	0.750	0.782	0.798		Pk Hr Factor	0.000	0.000	0.593	0.870	0.676							



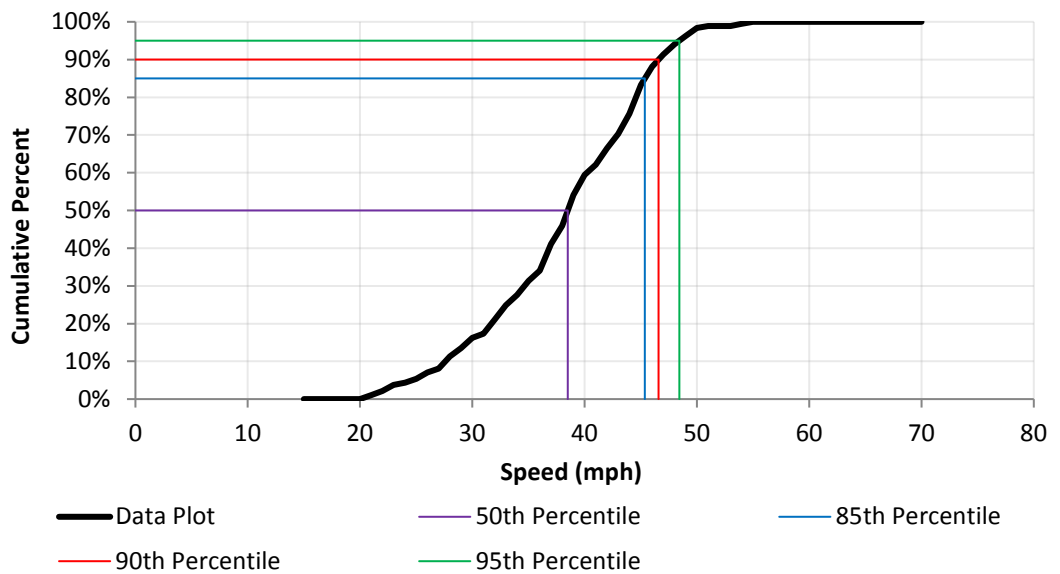
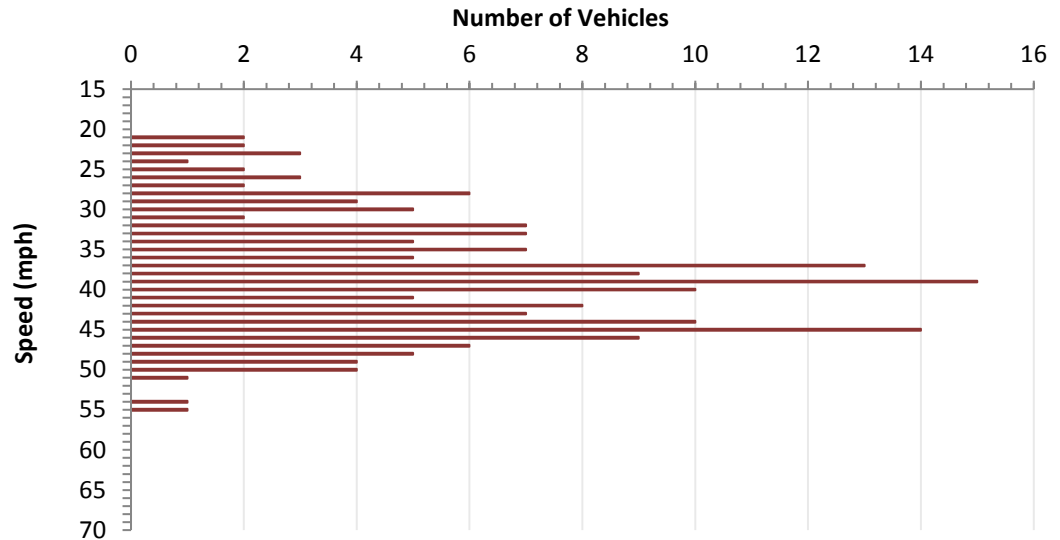
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Burma Rd	From:	Olive Hill Rd	To:	Luneta Ln
Position:	580' E/o Cazador Ln	Direction:	EB/WB		

Date:	12/4/2018	Weather:	Clear	Project Number:	18-4457-022
Time Start:	11:45 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	1:45 PM	Posted Speed:	45 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21	2	1.1%
22	2	2.2%
23	3	3.8%
24	1	4.3%
25	2	5.4%
26	3	7.0%
27	2	8.1%
28	6	11.4%
29	4	13.5%
30	5	16.2%
31	2	17.3%
32	7	21.1%
33	7	24.9%
34	5	27.6%
35	7	31.4%
36	5	34.1%
37	13	41.1%
38	9	45.9%
39	15	54.1%
40	10	59.5%
41	5	62.2%
42	8	66.5%
43	7	70.3%
44	10	75.7%
45	14	83.2%
46	9	88.1%
47	6	91.4%
48	5	94.1%
49	4	96.2%
50	4	98.4%
51	1	98.9%
52		
53		
54	1	99.5%
55	1	100.0%
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	185	



DATA ANALYSIS

Average Speed	38.5	Range	21 - 55
50th Percentile	38.5	10 mph Pace	37 - 46
85th Percentile	45.4	Number in Pace	100
90th Percentile	46.6	Percent in Pace	54%
95th Percentile	48.4		