

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

July 26, 2019 ~ 9:00 AM

5510 Overland Ave, Room 271

San Diego CA, 92123

MINUTES

- 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 RECERTIFICATION	BRIARWOOD ROAD	BONITA	SWEETWATER
<u>SUPERVISORIAL DISTRICT 2</u>			
2-A. RADAR RECERTIFICATION	POTRERO VALLEY ROAD	POTRERO	POTRERO
<u>SUPERVISORIAL DISTRICT 3</u>			
3-A. RADAR RECERTIFICATION	MARY LANE	ESCONDIDO	N/A
<u>SUPERVISORIAL DISTRICT 5</u>			
5-A. RADAR RECERTIFICATION	WINTER HAVEN ROAD	FALLBROOK	FALLBROOK

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: July 26, 2019

Item 1-A

SUPERVISORIAL DISTRICT: 1

SUBJECT: Radar Recertification

LOCATION: Briarwood Road from Sweetwater Road to State Route 54 (a distance of 0.62 miles) BONITA (Thos. Bros. 1290-H7)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Briarwood Road from Sweetwater Road to State Route 54 is posted 40 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

Briarwood Road is a striped three-lane roadway with a 24-48 foot travelled way on a 63-82 foot road bed. There is a signalized intersections along the segment. There is a two-way left-turn lane separating both directions of travel. There are also parking lanes along both sides of the roadway. The road is classified as a Community Collector on the County General Plan Mobility Element Network. The road is posted 40 MPH/Radar Enforced.

Average Daily Traffic Volumes

Briarwood Road:

S/o Bonita Woods Drive

05/19

03/12

22,469

23,430

Speed Data

Briarwood Road

250' S/o Cedarwood Road (2019)
(2012)

85th
Percentile

10 MPH
Pace

% in
Pace

40.9 MPH
42.7 MPH

31-40
33-42

71.0%
64.5%

Collision Data

There have been 25 reported collisions along this segment of roadway, 8 of which involved injury, in a 3 year period (02-01-16 to 01-31-19). These collisions result in a segment accident rate of 1.64 collisions per million vehicle miles. The statewide average is 1.03 collisions per million vehicle miles for similar suburban conventional 3 lanes.

Discussion

This item is a periodic review to recertify the existing posted speed limit for radar enforcement that is required every seven years to comply with state law and was requested by DPW staff. The TAC recommends reducing the existing 40 MPH speed limit to 35 MPH on Briarwood Road from Sweetwater Road to State Route 54 in the unincorporated community of Bonita and certifying the reduced speed limit for radar speed enforcement.

The CA MUTCD stipulates that speed limits are usually set at the 5 MPH increment adjacent to or below the prevailing (85th percentile) speed of motorists. The results of the recent speed survey produced an overall speed zone of 40.9 MPH.

The CA MUTCD allows for a 5 MPH reduction from the nearest 5 MPH increment adjacent to or below the 85th percentile if supported by conditions not readily apparent to the driver. Briarwood Road has experienced a higher number of collisions over a three-year period when compared to similar roadways with a segment accident rate greater than the statewide average (1.64 vs 1.03 collisions per million vehicle miles).

Briarwood Road is a striped three-lane suburban Community Collector. The Caltrans representative noted that the collision experience along with the recorded 85th percentile and 10 mile per hour pace support a lower speed limit. The County Traffic Engineering representative noted that the road is currently undergoing resurfacing which will add bike lanes to the roadway. The Pacific Safety Center representative noted that the narrowing of the travelled lanes due to bike lane installation supports a lower speed limit. Based on measured speeds, collision experience, the narrowing of travelled and consideration of bicyclist safety, the Committee supported a base speed limit of 40 MPH and an additional 5 MPH downzoning based on measured speeds and conditions not readily apparent to the driver to recommend a reduction in the speed limit from 40 MPH to 35 MPH and certification of the 35 MPH speed limit for radar speed enforcement.

Radar speed enforcement has proven to be an effective tool against excessive speeding and has had a positive effect in reducing the speed of motorists on roadways where radar enforcement takes place. Briarwood Road meets the CHP's criteria for the radar speed enforcement.

The Sweetwater Community Planning Group was provided the opportunity to review this item and a member of the CPG attended the meeting to provide their support for the 35 MPH speed limits.

Recommendation

The Committee recommends establishing a 35 MPH speed limit with certification for radar speed enforcement on Briarwood Road from Sweetwater Road to State Route 54.

Motion: Bartley

Second: Pennings

Vote: yes-9, no-0, abstain-0, vacant-0, absent-6

Necessary Board Action

Amend Section 72.164.11. to Division 2 of Title 7 of Article of the San Diego County Code.

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: July 26, 2019

Item **2-A**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Recertification

LOCATION: Potrero Valley Road from State Route 94 to Potrero Park Road (a distance of 0.69 miles) POTRERO (Thos. Bros. Map D)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Potrero Valley Road from State Route 94 to Potrero Park Road is posted 40 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

Potrero Valley Road is a striped two-lane roadway with a 24 foot travelled way on a 28 foot road bed. The roadway is striped with a yellow no passing centerline and white edgeline. The segment has a speed reduced school zone. The road is classified as a Minor Collector on the County General Plan Mobility Element Network. The road is posted 40 MPH/Radar Enforced.

Average Daily Traffic Volumes

	<u>05/19</u>	<u>11/12</u>
Potrero Valley Road:		
N/o State Route 94	1,774	1,060

<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Potrero Valley Road				
600' N/o Library Ln	(2019)	37.9 MPH	27-36	63.0%
	(2012)	43.1 MPH	29-38	64.5%

Collision Data

There have been 1 reported collisions along this segment of roadway, 0 of which involved injury, in a 3 year period (02-01-16 to 01-31-19). These collisions result in a segment accident rate of 0.75 collisions per million vehicle miles. The statewide average is 0.99 collisions per million vehicle miles for similar rural flat conventional 2 lanes with speed limit less than or equal to 55 MPH.

Discussion

This item is a periodic review to recertify the existing posted speed limit for radar enforcement that is required every seven years to comply with state law and was requested by DPW staff. The TAC recommends reducing the existing 40 MPH speed limit to 35 MPH on Potrero Valley Road from State Route 94 to Potrero Park Road in the unincorporated community of Potrero and certifying the reduced speed limit for radar speed enforcement.

The CA MUTCD stipulates that speed limits are usually set at the 5 MPH increment adjacent to or below the prevailing (85th percentile) speed of motorists. The results of the recent speed survey produced an overall speed zone of 37.9 MPH.

Potrero Valley Road is a striped two-lane rural Minor Collector. Committee members discussed concerns of speeding within the coinciding school zone and adjacent County Library branch. The County Traffic Engineering representative noted complaints have been received of speeding on the segment and Traffic Engineering has placed a speed feedback sign within the school zone. The Committee supported a base speed limit of 35 MPH based on measured speeds to recommend a reduction in the speed limit from 40 MPH to 35 MPH and certification of the 35 MPH speed limit for radar speed enforcement.

Radar speed enforcement has proven to be an effective tool against excessive speeding and has had a positive effect in reducing the speed of motorists on roadways where radar enforcement takes place. Potrero Valley Road meets the CHP's criteria for the radar speed enforcement.

The Potrero Community Planning Group was provided the opportunity to review this item and did not provide input.

Recommendation

The Committee recommends establishing a 35 MPH speed limit with certification for radar speed enforcement on Potrero Valley Road from State Route 94 to Potrero Park Road.

Motion: Hadley

Second: Finley

Vote: yes-9, no-0, abstain-0, vacant-0, absent-6

Necessary Board Action

Amending Section 72.169.77.3. to Division 2 of Title 7 of Article of the San Diego County Code.

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: July 26, 2019

Item 3-A

SUPERVISORIAL DISTRICT: 3

SUBJECT: Radar Recertification

LOCATION: Mary Lane from Escondido City Limits to Summit Drive
(a distance of 1.57 miles) ESCONDIDO (Thos. Bros.
1150-C2)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Mary Lane from Escondido City Limits to Summit Drive is posted 45 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

Mary Lane is a striped two-lane roadway with a 20-24 foot travelled way on a 24-38 foot road bed. The roadway is striped with a yellow no passing centerline and white edgeline. The segment has multiple speed advisory curves. The road is classified as a Community Collector on the County General Plan Mobility Element Network. The road is posted 45 MPH/Radar Enforced.

Average Daily Traffic Volumes

	<u>05/19</u>	<u>02/12</u>
Mary Lane:		
N/o Anaheim Street	3,209	3,170

<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Mary Lane:				
150' S/o Haas Street	(2019)	43.3 MPH	34-43	68.0%
150' S/o La Serena Place	(2019)	48.6 MPH	41-50	62.0%
Speed Zone	(2019)	46.0 MPH	38-47	65.0%
160' N/o Puebla Street	(2012)	44.0 MPH	32-41	58.7%

Collision Data

There have been 10 reported collisions along this segment of roadway, 4 of which involved injury, in a 3 year period (02-01-16 to 01-31-19). These collisions result in a segment accident rate of 1.82 collisions per million vehicle miles. The statewide average is 1.19 collisions per million vehicle miles for similar suburban conventional 2 lanes with speed limit 45 to 55 MPH.

Discussion

This item is a periodic review to recertify the existing posted speed limit for radar enforcement that is required every seven years to comply with state law and was requested by DPW staff. The TAC recommends reducing the existing 45 MPH speed limit to 40 MPH on Mary Lane from the Escondido City Limit (near Jasmine Place) to Summit Drive in the unincorporated community of Escondido and certifying the reduced speed limit for radar speed enforcement.

The CA MUTCD stipulates that speed limits are usually set at the 5 MPH increment adjacent to or below the prevailing (85th percentile) speed of motorists. The results of the recent speed surveys (43.3 MPH & 48.6 MPH) produced an overall speed zone of 46.0 MPH.

The CA MUTCD allows for a 5 MPH reduction from the nearest 5 MPH increment adjacent to or below the 85th percentile if supported by conditions not readily apparent to the driver as indicated by collision records. Mary Lane has experienced a higher number of collisions over a three-year period when compared to similar roadways with a segment accident rate greater than the statewide average (1.82 vs 1.19 collisions per million vehicle miles).

Mary Lane is a striped two-lane suburban Community Collector. The County Traffic Engineering Representative noted that there have been constituent concerns regarding sight distance and speeds along this segment of roadway. Other Committee members also noted the number of driveways and private roadways as well as a collision rate which is higher than the state average for similar roadways support a lower speed limit. The Committee supported a base speed limit of 45 MPH and an additional 5 MPH downzoning based on measured speeds and road operating conditions including collision experience and driveway density to recommend a reduction in the speed limit from 45 MPH to 40 MPH and certification of the 40 MPH speed limit for radar speed enforcement.

Radar speed enforcement has proven to be an effective tool against excessive speeding and has had a positive effect in reducing the speed of motorists on roadways where radar enforcement takes place. Mary Lane meets the CHP's criteria for the radar speed enforcement.

Mary Lane is located in the North County Metro Sub Regional Planning Area and is not represented by a community group.

Recommendation

The Committee recommends establishing a 40 MPH speed limit with certification for radar

speed enforcement on Mary Lane from Escondido City Limits to Summit Drive.

Motion: Bartley

Second: Custeau

Vote: yes-9, no-0, abstain-0, vacant-0, absent-6

Necessary Board Action

Amend Sction 72.161.95. to Division 2 of Title 7 of Article of the San Diego County Code.

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: July 26, 2019

Item 5-A

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Recertification

LOCATION: Winter Haven Road from Mission Road to Brooke Road (a distance of 0.70 miles) FALLBROOK (Thos. Bros. 1027-G7)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Winter Haven Road from Mission Road to Brooke Road is posted 45 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

Winter Haven Road is a striped two-lane roadway with a 20-24 foot travelled way on a 24-48 foot road bed. The roadway is striped with a yellow no passing centerline and white edge line. The road is unclassified on the County General Plan Mobility Element Network. The road is posted 45 MPH/Radar Enforced.

Average Daily Traffic Volumes

Winter Haven Road:

E/o Mission Road

05/19

5,715

02/12

5,200

Speed Data

Winter Haven Road:

150' W/o Clearcrest Lane (2019)
(2012)

**85th
Percentile**

44.5 MPH
47.0 MPH

**10 MPH
Pace**

37-46
35-44

**% in
Pace**

58.0%
62.9%

Collision Data

There have been 6 reported collisions along this segment of roadway, 3 of which involved injury, in a 3 year period (02-01-16 to 01-31-19). These collisions result in a segment accident rate of 1.41 collisions per million vehicle miles. The statewide average is 1.19 collisions per million vehicle miles for similar suburban conventional 2 lanes with speed limit less than 45 MPH.

Discussion

This item is a periodic review to recertify the existing posted speed limit for radar enforcement that is required every seven years to comply with state law and was requested by DPW staff. The TAC recommends reducing the existing 45 MPH speed limit to 40 MPH on Winter Haven Road from Mission Road to Brooke Road in the unincorporated community of Fallbrook and certifying the reduced speed limit for radar speed enforcement.

The CA MUTCD stipulates that speed limits are usually set at the 5 MPH increment adjacent to or below the prevailing (85th percentile) speed of motorists. The results of the recent speed survey produced an overall speed zone of 44.5 MPH.

Winter Haven Road is a striped two-lane suburban Community Collector that provides access to Fallbrook High School, Ivey Continuation High School and has several residences that take direct access onto the road. . The Committee supported a base speed limit of 40 MPH based on measured speeds, roadway characteristics and adjacent land uses to recommend a reduction in the speed limit from 45 MPH to 40 MPH and certification of the 40 MPH speed limit for radar speed enforcement.

Radar speed enforcement has proven to be an effective tool against excessive speeding and has had a positive effect in reducing the speed of motorists on roadways where radar enforcement takes place. Briarwood Road meets the CHP's criteria for the radar speed enforcement.

The Fallbrook Community Planning Group was provided the opportunity to review this item and did not provide input.

Recommendation

The Committee recommends establishing a 40 MPH speed limit with certification for radar speed enforcement on Winter Haven Road from Mission Road to Brooke Road.

Motion: Hadley

Second: Bartley

Vote: yes-9, no-0, abstain-0, vacant-0, absent-6