

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

July 27, 2018 ~ 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 2</u>			
2-A. RADAR RECERTIFICATION	BROADWAY/CAMPO RD	SPRING VALLEY	SPRING VALLEY
2-B. RADAR RECERTIFICATION	CAMPO ROAD	CASA DE ORO/ SPRING VALLEY	VALLE DE ORO/ SPRING VALLEY
2-C. RADAR RECERTIFICATION	CAMPO ROAD	CASA DE ORO	VALLE DE ORO
2-D. RADAR RECERTIFICATION	DYE RD/RAMONA ST/ WARNOCK DR	RAMONA	RAMONA
2-E. RADAR RECERTIFICATION	SAN VICENTE ROAD	RAMONA	RAMONA
2-F. INTERSECTION CONTROL	MADRID WAY & AGUA DULCE BLVD	CASA DE ORO	VALLE DE ORO
<u>SUPERVISORIAL DISTRICT 5</u>			
5-A. RADAR RECERTIFICATION	SAN DIEGUITO ROAD	FAIRBANKS RANCH	SAN DIEGUITO
5-B. RADAR RECERTIFICATION	VIA DE SANTA FE	RANCHO SANTA FE	SAN DIEGUITO

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: July 27, 2018

Item 2-A

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Recertification

LOCATION: Broadway/Campo Road from Lemon Grove City Limit to the SR-125 Ramp (0.37 miles) SPRING VALLEY (Thos. Bros. 1270-J5)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Broadway/Campo Road from Lemon Grove City Limit to the SR-125 Ramps is posted 45 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

Broadway from the Lemon Grove City Limit to Spring Street measures 1,600 feet in length. It is a striped four-lane Through Highway that varies from 64 feet to 77 feet in width. There is a two-way left turn lane separating both directions of travel. The road is classified as a Major Road on the County General Plan Mobility Element Network and posted 45 MPH/Radar Certified.

Campo Road from Spring Street easterly to the SR-125 Ramps measures 340 feet in length. It is predominately a striped two-lane Through Highway that measures 83 feet in width. There are either edge-striping or bike lanes along both sides of the roadway. The road is classified as a Major Road on the County General Plan Mobility Element Network and posted 45 MPH/Radar Certified.

Average Daily Traffic Volumes

Broadway/Campo Road:

W/o Fairway Dr.

2/18

20,544

04/02

30,230

Speed Data

Broadway:

300' E/o Lemon Grove CL (2018)
(2011)

**85th
Percentile**

45.6 MPH
49.4 MPH

**10 MPH
Pace**

35-44
40-49

**% in
Pace**

66.0%
78.8%

Collision Data

There have been 34 reported collisions along this segment of roadway, 12 of which involved injury, in a 5 year period (5-1-13 to 4-30-18). These collisions result in a segment accident rate of 2.46 collisions per million vehicle miles. The statewide average is 0.2 collisions per million vehicle miles for similar suburban undivided 5-6 lanes with speeds less than or equal 55 mile per hour.

Discussion

The California Manual on Uniform Traffic Control Devices stipulates that speed limits are usually set at the nearest 5 MPH increment adjacent or below the prevailing (85th percentile) speed of motorists. The recent speed survey (45.6 MPH) could support the existing 45 MPH speed limit for radar speed enforcement.

Broadway/Campo Road provides a connecting link between the County of San Diego and City of Lemon Grove to the SR-125 freeway ramp. It is a multi-jurisdictional roadway for the City of Lemon Grove and the unincorporated community of Spring Valley. The County maintained portion west of Spring Street is 0.37 miles long and is posted with a 45 MPH speed limit. The adjacent City of Lemon Grove segment is posted 45 MPH and is certified for radar enforcement.

Broadway from the Lemon Grove City Limit to Fairway Drive is a straight segment, improved with curb on both sides of the road. Broadway/Campo Road from Fairway Drive SR-125 is improved with curb on the west side and curb and sidewalk on the east side. The Committee discussed the location of the freeway ramp intersecting Campo Road to the west side and multiple commercial driveways on the east side of Broadway/Campo Road. The Committee also noted the segment accident rate (2.46 collisions per million vehicle miles) in comparison to the state average (1.32 collisions per million vehicle miles). The TAC unanimously supported a reduction in the posted speed limit from 45 MPH to 40 MPH with radar enforcement in this transitional roadway segment.

Radar speed enforcement enables an enhanced law enforcement presence in curtailing excessive speeding and provides consistency and continuity in radar speed enforcement along this portion of Broadway/Campo Road.

A representative of the Spring Valley Community Planning Group, in attendance, indicated support for lowering the speed limit due to the volume of vehicles near the freeway ramp and commercial centers and a natural tendency of traffic slowing near Spring Street.

Recommendation

The Committee recommends establishing a 40 MPH speed limit on Broadway/Campo Road from Lemon Grove City Limit to the SR-125 Ramp with certification for radar speed enforcement.

Motion: Campbell
Second: Soto

Vote: Yes-10, No-0, Abstain-0, Vacant-0, Absent-5

Necessary Board Action

Amend Section 72.173.11.1. to Division 2 of Title 7 of Article 11 of the San Diego County Code.

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: July 27, 2018 **Item 2-B**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Recertification

LOCATION: Campo Road from the SR-125 Ramp to Bancroft Drive
(0.47 miles) SPRING VALLEY/CASA DE ORO (Thos.
Bros. 1271-A4)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Campo Road from the SR-125 Ramps to Bancroft Drive is posted 40 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

Campo Road measures approximately 39 to 60 feet in width. It is predominately a striped two-lane Through Highway. There are either edge-striping or bike lanes along both sides of the roadway. The road is classified as a Major Road on the County General Plan Mobility Element Network and posted 40 MPH/Radar Certified.

<u>Average Daily Traffic Volumes</u>	<u>04/18</u>	<u>12/11</u>
Campo Road:		
W/o Bancroft Drive	9,526	21,040*

*Estimated

<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Campo Road:				
at Merritt Boulevard	(2018)	39.9 MPH	30-39	68.0%
	(2011)	42.9 MPH	32-41	73.6%

Collision Data

There have been 34 reported collisions along this segment of roadway, 11 of which involved injury, in a 5 year period (5-1-13 to 4-30-18). These collisions result in a segment accident rate of 4.17 collisions per million vehicle miles. The statewide average is 2.39 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speeds less than 45 mile per hour.

Discussion

The California Manual on Uniform Traffic Control Devices stipulates that speed limits are usually set at the nearest 5 MPH increment adjacent or below the prevailing (85th percentile) speed of motorists. The recent speed survey (39.9 MPH) could support the existing 40 MPH speed limit for radar speed enforcement.

Campo Road is a major roadway that serves as a commuter route for residents living along the freeway corridor within the unincorporated communities of Spring Valley and Casa de Oro. The roadway includes marked bike lanes and connects the SR-125 and SR-94 freeways to local residential roads and community collector roads. Campo Road is improved with curb on the north side and curb and sidewalk on the south side. The Committee indicated that the measured speeds can support a reduced speed limit. The Committee unanimously supported a reduction in the posted speed limit from 40 MPH to 35 MPH with radar enforcement.

Radar speed enforcement enables an enhanced law enforcement presence in curtailing excessive speeding and provides consistency and continuity in radar speed enforcement along this portion of Campo Road.

A representative of the Spring Valley Community Planning Group, in attendance, indicated support for lowering the speed limit to 35 MPH. The Valle de Oro 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 on Campo Road from the SR-125 Ramp to Bancroft Drive with certification for radar speed enforcement.

Motion: Lake

Second: Hollywood

Vote: Yes-10, No-0, Abstain-0, Vacant-0, Absent-5

Necessary Board Action

Amend Section 72.173.11. to Division 2 of Title 7 of Article 11 of the San Diego County Code.

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: July 27, 2018 **Item 2-C**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Recertification

LOCATION: Campo Road from Bancroft Drive to South Granada Avenue (1.3 miles) CASA DE ORO (Thos. Bros. 1271-B4)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Campo Road from Bancroft Drive to South Granada Avenue is posted 35 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

Campo Road from Bancroft Drive to Rogers Road is a striped two-lane Through Highway that varies from 39 to 63 feet wide. There are either edge-striping or bike lanes along both sides of the roadway. Campo Road from Bancroft Drive to Camino Paz is classified as a Major Road and from Camino Paz to Rogers Road is classified as a Community Collector on the County General Plan Mobility Element Network and they both posted 35 MPH/Radar Certified.

Campo Road from Rogers Road to 900 feet east of Rogers Road is a striped two-lane Through Highway that varies from 44 to 50 feet wide. From Kenwood Drive to South Granada Avenue, it is primarily a striped four-lane Through Highway that measures 64 feet wide. There is a two-way left turn lane separating both directions of travel. There are bike lanes along both sides of the roadway. The road is classified as a Boulevard on the County General Plan Mobility Element Network and posted 35 MPH/Radar Certified.

Average Daily Traffic Volumes

Campo Road:

W/o Hollyhock Ln.

04/18

8,980

12/11

6,470

Speed Data

Campo Road:

315' W/o Hollyhock Lane

(2018)

(2011)

**85th
Percentile**

41.2 MPH

36.0 MPH

**10 MPH
Pace**

34-43

28-37

**% in
Pace**

86.0%

82.4%

600' E/o Rogers Road	(2018)	40.2 MPH	32-41	83.0%
	(2010)	42.3 MPH	34-43	73.9%
600' E/o Conrad Drive	(2018)	36.9 MPH	29-38	83.0%
	(2010)	35.8 MPH	28-37	80.0%
Speed Zone	(2018)	39.4 MPH	32-41	84.0%

Collision Data

Campo Road – Bancroft Drive to 900' east of Rogers Road

There have been 10 reported collisions along this segment of roadway, 4 of which involved injury, in a 2 year period (5-1-16 to 4-30-18). These collisions result in a segment accident rate of 2.12 collisions per million vehicle miles. The statewide average is 2.39 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speeds less than 45 mile per hour.

Campo Road – 900' east of Rogers Road to South Granada Avenue

There have been 51 reported collisions along this segment of roadway, 18 of which involved injury, in a 2 year period (5-1-16 to 4-30-18). These collisions result in a segment accident rate of 13.44 collisions per million vehicle miles. The statewide average is 0.20 collisions per million vehicle miles for similar suburban undivided 5-6 lanes or less with speed limit less than 55mile per hour.

Discussion

The California Manual on Uniform Traffic Control Devices 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 (41.2 MPH, 40.2 MPH, and 36.9 MPH) produced an overall speed zone of 39.4 MPH which could support recertification of the existing 35 MPH speed limit for radar speed enforcement.

Campo Road between Bancroft Drive and Kenwood Drive is a curvilinear two lane roadway serving numerous adjacent commercial establishments with their associated side friction. Beyond Kenwood Drive it becomes a commercial four lane roadway that is separated by a two-way left turn lane that services many commercial centers and private businesses. A review of the roadway's existing operating conditions, including an analysis of the most recent two-year history of reported collisions and recent speed surveys, supports a 35 MPH posted speed limit on Campo Road from Bancroft Drive to South Granada Avenue.

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. Campo Road continues to meet the CHP's criteria for the radar speed enforcement.

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

Recommendation

The Committee recommends recertification for continued radar speed enforcement of the existing 35 MPH speed limit posting on Campo Road from Bancroft Drive to South Granada Avenue.

Motion: Ouadah

Second: Campbell

Vote: Yes-10, No-0, Abstain-0, Vacant-0, Absent-5

Necessary Board Action

File this report.

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: July 27, 2018

Item 2-D

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Recertification

LOCATION: Dye Road/Ramona Street/Warnock Drive from a point 1,000 feet west of Ramona Street to San Vicente Road (1.39 miles) RAMONA (Thos. Bros. 1172-F3)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Dye Road/Ramona Street/Warnock Drive from a point 1,000 feet west of Ramona Street to San Vicente Road is posted 50 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

Dye Road/Ramona Street/Warnock Drive is a striped two-lane roadway that varies from 28 feet to 40 feet in width. There is edge-striping along both sides of the roadway. The road is posted 50 MPH/Radar Certified. Dye Road and Warnock Drive are classified as a Community Collector, Ramona Street is classified as a Light Collector on the County General Plan Mobility Element Network and they are all posted 50 MPH/Radar Certified.

Average Daily Traffic Volumes

Warnock Drive:

W/o San Vicente Road

04/18

6,425

10/11

5,310

Speed Data

Ramona St:

500' S/o Royal Vista Dr

(2018)

**85th
Percentile**

53.3 MPH

**10 MPH
Pace**

45-54

**% in
Pace**

83.0%

Warnock Drive:

650' W/o San Vicente Rd

(2018)

52.9 MPH

45-54

81.0%

1,500' E/o Ramona St

(2011)

51.0 MPH

41-50

60.2%

Speed Zone

(2018)

53.1 MPH

45-54

82.0%

Collision Data

There have been 33 reported collisions along this segment of roadway, 5 of which involved injury, in a 5 year period (5-1-13 to 4-30-18). These collisions result in a segment accident rate of 2.03 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 and 55 mile per hour.

Discussion

The California Manual on Uniform Traffic Control Devices 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 (53.3 MPH and 52.9 MPH) produced an overall speed zone of 53.1 MPH which could support recertification of the existing 50 MPH speed limit for radar speed enforcement.

Dye Road/Ramona Street/Warnock Drive serves as a rural bypass linking east Ramona and San Diego Country Estates with State Highway 67. Motorists are able to circumvent numerous traffic signals and associated congestion in downtown Ramona. The segment is a flat and straight road with two 90 degree turns at the intersections of Dye Road/Ramona Street and Ramona Street/Warnock Street. A representative from the Ramona Community Planning Group expressed concern regarding speeds at the turns and the number of advanced warning signs for the turns noting the majority of accidents occurring at or adjacent to the turns. The County Traffic Engineer proposed an operational review to determine whether additional signage would be beneficial. Regarding the two curves, The County Traffic Engineer will report back to the TAC approximately one year after the review and implementation of any curve signage changes. Regarding the speed limits, continued radar speed enforcement of the posted speed limit was considered reasonable and reflective of the roadway's existing operating conditions.

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. Dye Road/Ramona Street/Warnock Street continues to meet the CHP's criteria for the radar speed enforcement.

The representative from the Ramona Community Planning Group, in attendance, indicated support for continued radar speed enforcement of the posted 50 MPH speed limit.

Recommendation

The Committee recommends recertification for continued radar speed enforcement of the existing 50 MPH speed limit posting on Dye Road/Ramona Street/Warnock Drive from a point 1,000 feet west of Ramona Street to San Vicente Road.

Motion: Soto

Second: Hadley

Vote: Yes-10, No-0, Abstain-0, Vacant-0, Absent-5

Necessary Board Action

File this report.

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: July 27, 2018

Item 2-E

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Recertification

LOCATION: San Vicente Road from Hanson Lane northerly to Eleventh Street (0.63 miles) RAMONA (Thos. Bros. 1172-G1)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

San Vicente Road from Hanson Lane northerly to Eleventh Street is posted 50 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

San Vicente Road is a striped two-lane Through Highway that varies from 54 feet to 67 feet in width. There is a two-way left-turn lane separating both directions of travel. It has edge-striping along both sides of the roadway. The road is classified as a Light Collector on the County General Plan Mobility Element Network and posted 50 MPH/Radar Certified.

Average Daily Traffic Volumes

San Vicente Road:
N/o Hanson Lane

04/18

10/11

10,600

10,100

Speed Data

San Vicente Road:

170' S/o Barger Place

(2018)

(2011)

**85th
Percentile**

50.9 MPH

50.7 MPH

**10 MPH
Pace**

43-52

42-51

**% in
Pace**

84.0%

75.8%

Collision Data

There have been 9 reported collisions along this segment of roadway, 1 of which involved injury, in a 5 year period (5-1-13 to 4-30-18). These collisions result in a segment accident rate of 0.74 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 and 55 mile per hour.

Discussion

The California Manual on Uniform Traffic Control Devices 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 (50.9 MPH) could support recertification of the existing 50 MPH speed limit for radar speed enforcement.

San Vicente Road serves as a major collector road between the Ramona and San Diego Country Estates communities. It also serves as an access route to the three schools located along Hanson Lane (Ramona Community School, Olive Pierce Middle School, and Ramona High School) and connects to Wildcat Canyon Road which provides linkage to the Barona Casino, Lakeside, and Interstate 8.

The representative from CHP–El Cajon was not in attendance. The representative from CHP–San Diego provided supporting comments for continued radar speed enforcement. Continued radar speed enforcement of the posted speed limit is reasonable and reflective of the roadway's existing operating conditions.

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. San Vicente Road continues to meet the CHP's criteria for the radar speed enforcement.

The representative from the Ramona Community Planning Group, in attendance, indicated support for continued radar speed enforcement of the posted 50 MPH speed limit.

Recommendation

The Committee recommends recertification for continued radar speed enforcement of the existing 50 MPH speed limit posting on Hanson Lane northerly to Eleventh Street.

Motion: Soto

Second: Lake

Vote: Yes-10, No-0, Abstain-0, Vacant-0, Absent-5

Necessary Board Action

File this report.

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: July 27, 2018 **Item 2-F**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Intersection Control

LOCATION: Agua Dulce Blvd at Madrid Way, SPRING VALLEY (Thos. Bros.1271-E5)

INITIATED BY: DPW Traffic Engineering

REQUEST: All-Way Stop Control

PROBLEM AS STATED BY REQUESTER:

A Major Use Permit was approved to authorize a Charter Middle School on the southeast corner of the Agua Dulce Boulevard / Madrid Way intersection. There is an existing elementary school, Casa De Oro, on the northwest corner of the same intersection.

Per the approved traffic study, the intersection of Agua Dulce Boulevard and Madrid Way meet California MUTCD, Section 2B.07, optional criteria B, C and D, therefore an all-way stop control could be considered.

Existing Traffic Devices

The intersection of Agua Dulce Road and Madrid Way is currently a two-way stop controlled intersection in the eastbound and westbound directions. The posted speed limit is 25 mph along Agua Dulce Boulevard and Madrid Way.

<u>Average Daily Traffic Volumes Approach</u>	<u>05/17 Existing</u>	<u>Existing +Project</u>
Agua Dulce Blvd	1,076 NB 1,025 SB	1,168 NB 1,075 SB
Madrid Way	722 WB 843 EB	741WB 861EB

Collision Data

There were no reported collisions during any 12 month period between 2013 and 2016.

Discussion

The intersection of Agua Dulce Boulevard and Madrid Way is presently stop controlled on Madrid Way in the eastbound and westbound directions and has a through movement

on Agua Dulce Boulevard in the southbound and northbound directions. There is an existing continental school crosswalk across the eastern side of the intersection. Casa de Oro Elementary School lies northwest of the intersection and a new Charter middle school is currently under construction on the southeast corner. The new Charter school has been approved under a major use permit and the developers have been required to make improvements at this intersection.

As part of a traffic study approved by the County Traffic Engineer, the intersection of Agua Dulce Boulevard and Madrid Way meets the California Manual on Uniform Traffic Control Devices Section 2B.07 regarding Multi-Way Stop Applications for Optional Criteria B (a need to control vehicle and pedestrian conflicts near locations that generate high pedestrian volumes), Optional Criteria C (limited sight distance), and Optional Criteria D (intersection of two residential collector roads).

The Committee agreed that an all-way stop would provide a safer crossing across Agua Dulce Boulevard for the existing school pedestrians and increased foot traffic once the new middle school is built.

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

Recommendation

The Committee recommends an all-way stop be established at the intersection of Agua Dulce Blvd & Madrid Way.

Motion: Soto

Second: Ouadah

Vote: Yes-10, No-0, Abstain-0, Vacant-0, Absent-5

Necessary Board Action

Add Item No. 244 to Traffic Resolution No. 299 relating to All-Way Stop Intersections.
Delete Item No. 137 from Traffic Resolution No. 304 relating to Stop Controls.

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: July 27, 2018

Item **5-A**

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Recertification

LOCATION: San Dieguito Road from San Diego City Limit to El Apajo (0.96 miles) FAIRBANKS RANCH (Thos. Bros. 1188-E1)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

San Dieguito Road from San Diego City Limit to El Apajo is posted 50 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

San Dieguito Road is a striped four-lane Through Highway that varies from 60 feet to 78 feet in width. There is a two-way left-turn lane separating both directions of travel. There are bike lanes on both sides of the roadway. The road is classified as a Light Collector on the County General Plan Mobility Element Network and posted 50 MPH/Radar Enforced.

Average Daily Traffic Volumes

	<u>04/18</u>	<u>08/10</u>
San Dieguito Road:		
S/o El Apajo	14,860	15,600*

*Estimated

<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
San Dieguito Road:				
360' N/o San Diego CL	(2018)	51.1 MPH	41-50	66.0%
	(2011)	52.1 MPH	46-55	74.0%
1,650' S/o El Apajo	(2018)	46.9 MPH	36-45	62.0%
	(2010)	52.0 MPH	40-49	58.7%
Speed Zone	(2018)	49.0 MPH	39-48	64.0%

Collision Data

There have been 9 reported collisions along this segment of roadway, 5 of which involved injury, in a 5 year period (5-1-13 to 4-30-18). These collisions result in a segment accident rate of 0.35 collisions per million vehicle miles. The statewide average is 0.20 collisions per million vehicle miles for similar suburban undivided 5-6 lanes with speed less than or equal 55 mile per hour.

Discussion

The California Manual on Uniform Traffic Control Devices 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 (51.1 MPH and 46.9 MPH) produced an overall speed zone of 49.0 MPH which could support recertification of the existing 50 MPH speed limit for radar speed enforcement.

The 85th percentile speed is lower than when last reviewed in 2011. The adjacent western segment in the City of San Diego is also posted 50 MPH. These adjacent 50 MPH posted segments ensure consistency between the City of San Diego and County of San Diego segment. The existing 50 MPH speed limit posting is reasonable and representative of existing conditions. San Dieguito Road will benefit from continued radar speed enforcement. The TAC unanimously supported recertification.

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. San Dieguito Road continues to meet the CHP's criteria for the radar speed enforcement.

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

Recommendation

The Committee recommends recertification for continued radar speed enforcement of the existing 50 MPH speed limit posting on San Dieguito Road from San Diego City Limit to El Apajo

Motion: Ouadah

Second: Campbell

Vote: Yes-10, No-0, Abstain-0, Vacant-0, Absent-5

Necessary Board Action

File this report.

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: July 27, 2018

Item **5-B**

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Recertification

LOCATION: Via de Santa Fe from Calzada del Bosque to Via de la Valle (0.64 miles) RANCHO SANTA FE (Thos. Bros. 1168-E5)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Via de Santa Fe from Calzada del Bosque to Via de la Valle is posted 40 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

Via de Santa Fe is a striped two-lane roadway that varies from 25 feet to 30 feet in width. There is edge-striping on both sides of the roadway. The road is unclassified on Collector on the County General Plan Mobility Element Network and posted 40 MPH/Radar Enforced.

Average Daily Traffic Volumes

	<u>04/18</u>	<u>04/10</u>
Via de Santa Fe:		
N/o Calzada del Bosque	9,940	11,000*

*Estimated

		<u>85th</u>	<u>10 MPH</u>	<u>% in</u>
		<u>Percentile</u>	<u>Pace</u>	<u>Pace</u>
<u>Speed Data</u>				
Via de Santa Fe:				
120' N/o El Sicomoro St	(2018)	40.9 MPH	31-40	70.0%
	(2010)	38.0 MPH	30-39	75.3%

Collision Data

There have been 9 reported collisions along this segment of roadway, 6 of which involved injury, in a 5 year period (5-1-13 to 4-30-18). These collisions result in a segment accident rate of 0.78 collisions per million vehicle miles. The statewide average is 2.39 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speeds less than 45 mile per hour.

Discussion

The California Manual on Uniform Traffic Control Devices 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 (40.9 MPH) could support recertification of the existing 40 MPH speed limit for radar speed enforcement.

The Committee noted this road has high volume, narrow, limited shoulder, rural and curvilinear residential roadway has numerous intersections and driveways not easily visible to approaching motorists due to mature vegetation. The posted 40 MPH continues to be reasonable and reflective of the existing conditions. The TAC unanimously supported recertification.

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. Via de la Valle continues to meet the CHP's criteria for the radar speed enforcement.

The San Dieguito Community Planning Group was provided the opportunity to review this item and did not provide input. A representative of the Rancho Santa Fe Association provided support for continued radar speed enforcement of the posted 40 MPH speed limit via email.

Recommendation

The Committee recommends recertification for continued radar speed enforcement of the existing 40 MPH speed limit posting on Campo Road from Bancroft Drive to South Granada Avenue.

Motion: Ouadah

Second: Campbell

Vote: Yes-10, No-0, Abstain-0, Vacant-0, Absent-5

Necessary Board Action

File this report.