

**SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE**

**September 8, 2017 ~ 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
<b><u>SUPERVISORIAL DISTRICT 2</u></b>				
2-A.	RADAR RECERTIFICATION	VIA VIEJAS/VIA BELOTA/ VIA DIEGUENOS	ALPINE	ALPINE
<b><u>SUPERVISORIAL DISTRICT 5</u></b>				
5-A.	RADAR RECERTIFICATION	HARMONY GROVE RD	HARMONY GROVE	NA
5-B.	RADAR RECERTIFICATION	HARMONY GROVE RD	HARMONY GROVE	NA

## SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

**COMMITTEE REPORT OF:** September 8, 2017

**Item 2-A**

**SUPERVISORIAL DISTRICT:** 2

**SUBJECT:** Radar Recertification

**LOCATION:** Via Viejas/Via Belota/Via Diegueños from South Grade Road easterly to Via Palo Verde Lago (a distance of 1.9 miles) ALPINE (Thos. Bros.1254-D1)

**INITIATED BY:** DPW Traffic Engineering

**REQUEST:** Radar Recertification of the Existing 35 MPH Speed Limit

### **PROBLEM AS STATED BY REQUESTER:**

Preliminary review of prevailing speeds and roadway conditions could support radar recertification for the existing 35 MPH speed limit.

### **Existing Traffic Devices**

Via Viejas/Via Belota/Via Diegueños is a striped two-lane roadway that measures 32 feet wide. These roads are unclassified on the County General Plan Mobility Element Network. These roads are posted 35 MPH/Radar Enforced.

<b><u>Average Daily Traffic Volumes</u></b>		<b><u>03/17</u></b>	<b><u>01/11</u></b>	<b><u>03/03</u></b>
Via Viejas:				
E/o Nido Aguila		2,040	1,920	2,090
<b><u>Speed Data</u></b>		<b><u>85<sup>th</sup> Percentile</u></b>	<b><u>10 MPH Pace</u></b>	<b><u>% in Pace</u></b>
Via Viejas:				
500' W/o Palo Danzante	(2017)	35.0 MPH	27-36	83.0%
	(2010)	38.0 MPH	32-41	78.7%
Via Belota:				
560' N/o Via Viejas	(2017)	37.9 MPH	30-39	73.0%
Via Diegueños:				
500' E/o Via Belota	(2017)	41.0 MPH	33-42	77.0%
	(2010)	38.0 MPH	30-39	75.2%
Segment Speed Zone	(2017)	37.1 MPH	28-37	72.0%

### **Collision Data**

There have been two reported collisions, neither of which involved injury along these segments of roadway in the last five years and seven months (01-01-12 to 07-31-17).

**Discussion**

The California Manual on Uniform Traffic Control Devices (CAMUTCD) stipulates that speed limits are usually set at the 5 MPH increment adjacent to the prevailing (85<sup>th</sup> percentile) speed of motorists. The result of the recent segment speed zone (37.1 MPH) supports the posted 35 MPH speed limit.

The representative from the California Highway Patrol–El Cajon office expressed support for radar recertification of the existing 35 MPH speed limit. He indicated the roadway is a narrow low-volume residential roadway and operating conditions have remained constant. The roadways were first posted for speed limit in 1994 and radar certified in 2004.

The Committee noted several other factors in support of continued radar speed enforcement. The roadway is the only access route for the Rancho Palo Verde Community to Alpine and Interstate 8. There are numerous driveways, some of which are hidden with mature vegetation. The roadway also has pedestrian and equestrian presence accessing the trails and recreation center. The Committee believes the roadway's characteristics and continued operational nature support recertification of the existing 35 MPH speed limit.

Radar certification 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 Viejas/Via Belota/Via Diegueños continues to meet the California Highway Patrol's criteria for the radar speed enforcement.

**Recommendation**

The Committee recommends the existing 35 MPH speed limit on Via Viejas/Via Belota/Via Diegueños from South Grade Road easterly to Via Palo Verde Lago (a distance of 1.9 miles) be recertified for radar speed enforcement.

Motion: Pearlstein

Second: Fleishman

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

**Necessary Board Action**

File this report.

## SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

**COMMITTEE REPORT OF:** September 8, 2017

**Item 5-A**

**SUPERVISORIAL DISTRICT:** 5

**SUBJECT:** Radar Recertification

**LOCATION:** Harmony Grove Road from Kauana Loa Drive westerly to a point 250 feet west of Mile Post 6.5 (a distance of 2.5 miles) HARMONY GROVE (Thos. Bros. 1129-C6)

**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 could support radar recertification for the existing 40 MPH speed limit.

### **Existing Traffic Devices**

Harmony Grove Road is a striped two-lane roadway that varies from 23 feet to 45 feet wide. There is edge-striping on both sides of the roadway. This roadway is classified as a Collector Road on the County General Plan Mobility Element Network. The road is posted 40 MPH/Radar Certified.

<b><u>Average Daily Traffic Volumes</u></b>	<b><u>3/17</u></b>	<b><u>9/10</u></b>	<b><u>8/02</u></b>
Harmony Grove Road:			
W/o Kauana Loa Drive	3,175	3,160	4,340
W/o Country Club Drive	5,555	3,260	4,850

<b><u>Speed Data</u></b>	<b><u>85<sup>th</sup> Percentile</u></b>	<b><u>10 MPH Pace</u></b>	<b><u>% in Pace</u></b>
Harmony Grove Road:			
1,520 ft E/o Mile Post 7 (2017)	42 MPH	34-43	94.0 %
(2010)	47 MPH	37-46	66.7%

### **Collision Data**

There have been 32 reported collisions, 17 of which involved injury, along this segment of roadway in the last five years and seven months (01-01-12 to 07-31-17).

### **Discussion**

The California Manual on Uniform Traffic Control Devices (CAMUTCD) stipulates that speed limits are usually set at the 5 MPH increment adjacent to the prevailing (85<sup>th</sup> percentile) speed of motorists. The result of the recent speed survey (42 MPH) supports recertification of the existing 40 MPH speed limit.

**Discussion Continue**

The Committee found the roadway's collision pattern yielded a segment accident rate lower than the statewide average. This segment of roadway is not collision-free and speed-related collisions still occur. In addition, this segment of Harmony Grove Road is primarily rural, narrow and curvilinear in nature. It serves as a popular bicycle route with large acreage residences and a newly developed community which provides two signalized intersections between Harmony Grove Village Parkway and Country Club Drive.

Radar certification 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. Harmony Grove Road continues to meet the California Highway Patrol's criteria for radar speed enforcement.

**Recommendation**

The Committee recommends the existing 40 MPH speed limit on Harmony Grove Road from Kauana Loa Drive westerly to a point 250 feet west of Mile Post 6.5 (a distance of 2.5 miles) be recertified for radar speed enforcement.

Motion: Matella

Second: Bartley

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

**Necessary Board Action**

File this report.

## SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: September 8, 2017

Item 5-B

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Recertification

LOCATION: Harmony Grove Road from a point 250 feet west of Mile Post 6.5 westerly to Elfin Forest Road (a distance of 1.9 miles) HARMONY GROVE (Thos. Bros. 1148-J1)

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 could support radar recertification for the existing 45 MPH speed limit.

### **Existing Traffic Devices**

Harmony Grove Road is a striped two-lane roadway that varies from 23 feet to 25 feet wide. There is edge-striping on both sides of the roadway. This roadway is classified as a Collector Road on the County General Plan Mobility Element Network. The road is posted 45 MPH/Radar Certified.

<b><u>Average Daily Traffic Volumes</u></b>	<b><u>3/17</u></b>	<b><u>9/10</u></b>	<b><u>8/02</u></b>
Harmony Grove Road:			
W/o Kauana Loa Drive	3,175	3,160	4,340
W/o Country Club Drive	5,555	3,260	4,850

<b><u>Speed Data</u></b>	<b><u>Percentile</u></b>	<b><u>85<sup>th</sup></u></b>	<b><u>10 MPH</u></b>	<b><u>% in</u></b>
			<b><u>Pace</u></b>	<b><u>Pace</u></b>
Harmony Grove Road:				
1,700' E/o Mile Post 6	(2017)	45 MPH	36-45	92.0%
	(2010)	48 MPH	37-46	63.5%
390' E/o Mile Post 5	(2017)	48 MPH	40-49	89.0%
	(2010)	48 MPH	38-47	63.8%
Segment Speed Zone	(2017)	45.9 MPH	38-47	83.0%

### **Collision Data**

There have been 31 reported collisions, 24 of which involved injury, along this segment of roadway in the last five years seven months (01-01-12 to 7-31-17).

**Discussion**

The California Manual on Uniform Traffic Control Devices (CAMUTCD) stipulates that speed limits are usually set at the 5 MPH increment adjacent to the prevailing (85<sup>th</sup> percentile) speed of motorists. The recent prevailing speed surveys (45.0 MPH and 48.0 MPH) and roadway conditions support radar recertification for the existing 45 MPH speed limit.

When the Committee reviewed this segment, they found that the collision rate in the last 5 years and 7 months was higher than the statewide average for similar type roads. This segment of Harmony Grove Road is primarily rural, narrow and curvilinear in nature with a popular bicycle route and lot of public hiking trail access. After much discussion, the Committee agreed that this segment would benefit from a 5 MPH downzoning to 40 MPH based on collision experience. This action would also ensure one consistent speed zone of 40 MPH and radar certification on Harmony Grove Road from Kauana Loa Drive westerly to Elfin Forest Road.

The County Traffic Engineer (CTE) supports the recommendation.

Radar certification 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. Harmony Grove Road continues to meet the California Highway Patrol's criteria for radar speed enforcement.

**Recommendation**

The Committee recommends decreasing the posted 45 MPH speed limit to 40 MPH on Harmony Grove Road from a point 250 feet west of Mile Post 6.5 westerly to Elfin Forest Road along with certification for continued radar speed enforcement.

Motion: Matella

Second: Bartley

Vote: yes-8, no-0, abstain-1, vacant-0, absent-6.

**Necessary Board Action**

Amend Section 72.161.45. of Division 2 of Title 7 of Article 11 of the San Diego County Code.