

**SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE**

**March 11, 2022 ~ 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**

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<b>SUBJECT</b>	<b>LOCATION</b>	<b>AREA/ PLANNING/SPONSOR GROUP</b>
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**SUPERVISORIAL DISTRICT 2**

<b>2-A. RADAR CERTIFICATION</b>	<b>EUCLID AVENUE EL CAJON CITY LIMIT TO VALLEY VIEW BL</b>	<b>GRANITE HILLS/ C-D-GH-HC CPG</b>
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**SUPERVISORIAL DISTRICT 5**

<b>5-A. RADAR CERTIFICATION</b>	<b>NORDAHL ROAD SAN MARCOS C/L TO ESCONDIDO C/L</b>	<b>SAN MARCOS/ ESCONDIDO/ N/A</b>
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**SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE**

**COMMITTEE REPORT OF:** March 11, 2022 **Item 2-A**

**SUPERVISORIAL DISTRICT:** 2

**SUBJECT:** Radar Certification

**LOCATION:** Euclid Avenue from the El Cajon city limit (at Granite Hills Drive) to Valley View Boulevard (a distance of 0.96 miles) GRANITE HILLS (Thos. Bros. 1252-C5)

**INITIATED BY:** DPW Traffic Engineering

**REQUEST:** Radar Recertification

**PROBLEM AS STATED BY REQUESTER:**

Euclid Avenue from the El Cajon city limit (at Granite Hills Drive) to Valley View Boulevard is posted 40 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification of the existing 40 MPH speed limit.

**Existing Traffic Devices**

Euclid Avenue is a striped 2-lane undivided highway with a pavement width of 24 and 36 feet. The roadway is striped with no passing centerline and white edgeline. The highway is posted with an equestrian advisory sign and an intersection advisory sign with 30 MPH speed advisory supplemental plaque. Euclid Avenue is unclassified on the County General Plan Mobility Element Network. The highway is a designated through highway. Euclid Avenue is posted 40 MPH/Radar Enforced.

**Average Daily Traffic Volumes**

	<u>12/21</u>	<u>04/12</u>
Euclid Avenue:		
150' E/o Granite Hills Dr	1,176	5,360

**Speed Data**

		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Euclid Avenue:				
770' W/o Bradford Rd	(2022)	47.0 MPH	36-45	64.0%
	(2012)	42.0 MPH	31-40	44.2%
170' E/o Garrison Wy	(2022)	38.6 MPH	28-37	73.0%
Speed Zone	(2022)	42.8 MPH	32-41	68.5%

**Collision Data**

There have been 0 reported collisions along this segment of roadway in a 3 year period (11-01-18 to 10-31-21).

**Discussion**

This item is a periodic review to certify 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 certifying the 40 MPH speed limit for radar enforcement on Euclid Avenue from the El Cajon city limit (at Granite Hills Drive) to Valley View Boulevard in Granite Hills based on measured speeds.

The subject segment of Euclid Avenue is a striped two-lane suburban undivided, residential collector roadway with white edgeline. The roadway provides access to private and public residential roadways and residential driveways.

In establishing radar enforceable speed limits, State law requires rounding measured 85th percentile speeds to the nearest 5 MPH increment. The law also allows an additional 5 MPH reduction based on roadway conditions such as collision history, or alternatively allows rounding measured speeds down to the lower 5 MPH increment. The results of a recent speed surveys (47.0 MPH & 38.6 MPH) produced an overall speed zone of 42.8 MPH which supports a 40 MPH speed limit.

The Committee recommended certifying the 40 MPH speed limit for radar enforcement based on measured speeds.

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. Euclid Avenue meets the CHP criteria for radar speed enforcement.

The Crest-Dehesa-Granite Hills-Harbison Canyon Community Planning group was provided the opportunity to review this item and did not provide input.

**Recommendation**

The TAC recommends certifying the 40 MPH speed limit for radar enforcement on Euclid Avenue from the El Cajon city limit (at Granite Hills Drive) to Valley View Boulevard in Granite Hills based on measured speeds.

Motion: Custeau

Second: Ouadah

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:** March 11, 2022 **Item 5-A**

**SUPERVISORIAL DISTRICT:** 5

**SUBJECT:** Radar Certification

**LOCATION:** Nordahl Road from Escondido city limit (near El Norte Parkway) to San Marcos city limit (at Knob Hill Road) (a distance of 0.77 miles) SAN MARCOS/ ESCONDIDO (Thos. Bros. 1109-E7)

**INITIATED BY:** DPW Traffic Engineering

**REQUEST:** Radar Recertification

**PROBLEM AS STATED BY REQUESTER:**

Nordahl Road from Escondido city limit (near El Norte Parkway) to San Marcos city limit (at Knob Hill Road) is posted 35 MPH. Preliminary review of prevailing speeds and roadway conditions could support radar certification of the existing 35 MPH speed limit.

**Existing Traffic Devices**

Nordahl Road is a striped 2-lane undivided highway with a pavement width of 30 feet. The roadway is striped with no passing centerline and white edgeline. The highway is posted with multiple speed advised turn advisories. Nordahl Road is classified as a Major Road on the County General Plan Mobility Element Network. The highway is a designated through highway from the San Marcos city limit to Rock Springs Road. Nordahl Road is posted 35 MPH/Radar Enforced from the San Marcos city limit to Rock Springs Road and 35 MPH from Rock Springs Road to the Escondido city limit.

<b><u>Average Daily Traffic Volumes</u></b>	<b><u>12/21</u></b>	<b><u>07/14</u></b>
Nordahl Road:		
150' N/o Calavo Dr	10,884	10,610
N/o Rock Springs Rd	8,954	8,816

<b><u>Speed Data</u></b>	<b><u>85th Percentile</u></b>	<b><u>10 MPH Pace</u></b>	<b><u>% in Pace</u></b>
Nordahl Road:			
350' S/o Rock Springs Rd	(2022) 35.3 MPH	27-36	91.0%
	(2014) 37.0 MPH	27-36	73.0%
@ Via Paloma	(2022) 39.5 MPH	30-39	77.0%
Speed Zone	(2022) 37.4 MPH	29-38	84.0%

**Collision Data**

There have been 21 reported collisions, 6 of which involved injury, along this segment of roadway in a 3 year period (11-01-18 to 10-31-21). These collisions result in a segment accident rate of 2.52 collisions per million vehicle miles. The statewide average is 1.60 collisions per million vehicle miles for similar suburban 2 lanes or less with speeds less than 45 MPH.

**Discussion**

This item is a periodic review to certify 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 35 MPH speed limit to 30 MPH and certifying the 30 MPH speed limit for radar enforcement on Nordahl Road from the Escondido city limit (near El Norte Parkway) to the San Marcos city limit (at Knob Hill Road) in unincorporated Escondido/San Marcos based on measured speeds, collision history, and State law which allows the 5 MPH reduction based on collision history.

The subject segment of Nordahl Road is a striped two-lane suburban undivided, Major Road with white edgeline. The roadway provides access to private and public residential roadways and residential driveways. It is also used as a throughway to and from Escondido and San Marcos.

In establishing radar enforceable speed limits, State law requires rounding measured 85th percentile speeds to the nearest 5 MPH increment. The law also allows an additional 5 MPH reduction based on roadway conditions such as collision history, or alternatively allows rounding measured speeds down to the lower 5 MPH increment. The results of a recent speed surveys (39.5 MPH & 35.6 MPH) produced an overall speed zone of 37.4 MPH which supports a 35 MPH speed limit. Staff noted that the segment accident rate was found to be higher than the Statewide average (2.52 vs 1.60 collisions per million vehicle miles) which could support an additional 5 MPH reduction to 30 MPH speed limit.

The County Traffic Engineer expressed concerns with sight distance due to the curvilinear nature of the roadway and noted that the collision rate allows the Committee to recommend a lower speed limit. The District 5 representative also noted that Nordahl Road is a heavily traffic road without protected turn lanes at Rock Springs Road which causes traffic backup during AM and PM peak hours. He asked that Traffic Engineering review the signalized intersection to determine what improvements can be made. This request was answered by the Traffic Engineering Manager who expressed that there is an ongoing review of this intersection regarding these issues.

The Committee recommended reducing the 35 MPH speed limit to 30 MPH and certifying the 30 MPH speed limit for radar enforcement on based on measured speeds, collision history, and State law which allows the 5 MPH reduction based on collision history.

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. Nordahl Road meets the CHP criteria for radar speed enforcement.

This item is located in the North County Metro subregional planning area where no active Community Planning or Sponsor Group is present.

**Recommendation**

The TAC recommends reducing the 35 MPH speed limit to 30 MPH and certifying the 30 MPH speed limit for radar enforcement on Nordahl Road from the Escondido city limit (near El Norte Parkway) to the San Marcos city limit (at Knob Hill Road) in unincorporated Escondido/San Marcos based on measured speeds, collision history, and State law which allows the 5 MPH reduction based on collision history.

Motion: Ouadah

Second: Custeau

Vote: yes-10, no-0, abstain-0, vacant-0, absent-5

**Necessary Board Action**

Amend section 72.161.63. of the San Diego County Code.