

STAFF REPORT*CITY OF OCEANSIDE*

DATE: November 3, 2010

TO: Honorable Mayor and City Councilmembers

FROM: Development Services Department

SUBJECT: **APPROVAL OF PLANS AND SPECIFICATIONS FOR THE LAKE BOULEVARD AND WARING ROAD RADAR FEEDBACK SIGNS PROJECT**

SYNOPSIS

Staff recommends that the City Council approve the plans and specifications for the Lake Boulevard and Waring Road Radar Feedback Signs project, and authorize the City Engineer to call for bids.

BACKGROUND

City staff was contacted by the Oceanside Manor Homeowners Association, a senior community off Lake Boulevard near Twilight Lane, to address vehicular speeding on Lake Boulevard. The HOA board members stated that residents have a difficult time turning onto Lake Boulevard from Twilight Lane due to the vehicular speeding on Lake Boulevard.

Three residents have also contacted staff with concerns of excessive vehicular speeding on Waring Road. All three of those residents live on Waring Road east of Camarillo Avenue.

ANALYSIS

Homes front Lake Boulevard between Del Cero Avenue and Mira Monte Drive. Lake Boulevard is classified as a minor arterial street from College Boulevard to Cannon Road with average daily traffic of approximately 13,000 vehicles. A majority of Lake Boulevard is a four-lane road with a two-way left-turn lane. However, westbound Lake Boulevard transitions from two lanes to one lane west of Twilight Lane. The speed limit is posted 30 miles per hour (mph) near Twilight Lane and is 35 mph just east of Skyhaven Lane. Staff evaluated driver's speed in March 2010 which showed a critical speed of 41 mph between Twilight Lane and Mira Monte Drive. In the past year, four traffic collisions were reported between Skyhaven Lane and Del Cero Avenue. Three of those collisions had a primary collision factor of excessive speeding. Lake Boulevard at Skyhaven Lane is controlled by a traffic signal. The all-way stop control at Lake Boulevard at Mira Monte Drive was recently replaced with a new traffic signal which was energized in September 2010.

A handful of homes front Waring Road between Camarillo Avenue and just east of Vista Loma Circle. Further east of Vista Loma Circle are apartments and medical offices. Waring Road is a local collector that connects College Boulevard and Thunder Drive and is posted 25 mph. Of the approximate 4800 vehicles that travel on Waring Road, approximately 2600 vehicles travel eastbound with a critical speed of 32 mph. The critical speed is the speed limit where 85 percent of the vehicles travel at or below a speed. Nine traffic collisions have been reported on Waring Road between College Boulevard and Thunder Drive in the past five years. Two of the nine reported traffic collisions had a primary collision factor of excessive speeding.

Radar feedback signs are installed and supplemented with a posted speed limit sign. The radar feedback sign is a permanent installation to inform and increase motorists' awareness of the posted speed limit and their speed. The radar feedback sign will detect the fastest and slowest speed of each passing vehicle via radar. Staff can then download the data and analyze how many vehicles increased, decreased, or maintained their speed while traveling through the radar zone. Staff has installed radar feedback signs at various locations in the City such as on Pacific Street near Buccaneer Beach/Park, and Vista Way west of the I-5/SR-78 interchange.

The anticipated schedule for the project is as follows:

Bid Opening	November 2010
Award of Contract	December 2010
Start Contract	January 2011
Construction Completion	February 2011

FISCAL IMPACT

The FY 2010-2011 Capital Improvement Program budget for Neighborhood Traffic Improvements (902523100212) is approximately \$250,000.

The estimated total cost of this project, which includes administration, inspection, and project management and contingency, is approximately \$21,000, therefore sufficient funds are available.

INSURANCE REQUIREMENT

The City's standard insurance requirements will be met.

COMMISSION OR COMMITTEE REPORT

Does not apply.

CITY ATTORNEY'S ANALYSIS

The referenced documents have been reviewed by the City Attorney and approved as to form.

RECOMMENDATION

Staff recommends that the City Council approve the plans and specifications for the Lake Boulevard and Waring Road Radar Feedback Signs project, and authorize the City Engineer to call for bids.

PREPARED BY:



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SUBMITTED BY:



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REVIEWED BY:

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