



DATE: April 20, 2011

TO: Mayor and City Councilmembers

FROM: Development Services Department

SUBJECT: **PLANS AND SPECIFICATIONS FOR THE BELLA COLLINA SPEED HUMPS PROJECT**

SYNOPSIS

Staff recommends that the City Council approve the plans and specifications for the Bella Collina Speed Humps project which will result in the installation of speed humps in five locations on Bella Collina between Woodview Drive and Terracina Street, and authorize the City Engineer to call for bids.

BACKGROUND

Bella Collina residents contacted the City stating their concerns pertaining to vehicular speed over the past few years and have requested some form of traffic-calming to be installed on Bella Collina Street. Over the years, the City's Engineering and Public Works staff has installed speed limit signs, curve warning signs, double-yellow center lines, and all-way stops; contacted the police requesting speed enforcement; and has placed the radar trailer on Bella Collina Street in order to increase drivers' awareness of their speed and the posted speed limit.

With all of the past action that City staff has taken, residents were still observing vehicular speeding and requested the installation of other traffic-calming devices. Staff evaluated the neighborhood's request per the City's traffic-calming program and all requirements were met to support the installation of traffic-calming devices within the neighborhood. On February 23, 2011, the City Council approved the installation of speed humps in five locations on Bella Collina Street between Woodview Drive and Terracina Street.

ANALYSIS

Bella Collina Street is classified as a local street as defined in the California Department of Transportation California Road System maps. There are 25-mile-per-hour (mph) signs posted on Bella Collina Street and double-yellow striping from Angelina Road to Woodview Drive. All-way stops are established on Bella Collina Street at Terracina Street, Pine Ridge Road, and Angelina Road.

Vehicular speed was reviewed showing that the critical speed of upper Bella Collina Street was 33 mph and 34 mph. The critical speed for lower Bella Collina Street was 36 mph and 34 mph. Per the California Manual on Uniform Traffic Control Devices, critical speed is the “speed at or below which 85 percent of the traffic is moving.” In the past three years, there have been only two reported traffic collisions where the primary collision factors were improper turning and excessive speeding.

In September 2010, a survey was sent out to the neighborhood which proposed the installation of speed humps on Bella Collina Street between Woodview Drive and Terracina Street. The results of the survey met the percentage requirements as stated in the traffic-calming program. See Table 1.

Table 1: Results for Traffic Calming Master Plan

Required Results		Traffic Calming Master Plan (Sept. 2010)
Returned	40%	44% (Yes)
Support	55%	55% (Yes)
100% support from adjacent households?		Yes

Note: A total of 259 surveys were sent out.

The anticipated schedule for the project is as follows:

Bid Opening..... May 2011
 Award of Contract.....July 2011
 Start Construction.....July 2011
 Construction Completion...August 2011

The plans and specifications are available for review in the City Engineer’s Office.

FISCAL IMPACT

The funding source is TransNet and the FY 2010-2011 Capital Improvement Program budget for Neighborhood Traffic Improvements (902523100212) is approximately \$209,896. The estimated total cost of this project, which includes administration, inspection, project management and contingency is approximately \$18,000, therefore sufficient funds are available.

COMMISSION OR COMMITTEE REPORT

On November 16, 2010, the Transportation Commission reviewed and approved the proposed speed humps to be installed on Bella Collina Street between Woodview Drive and Terracina Street.

CITY ATTORNEY'S ANALYSIS

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

RECOMMENDATION

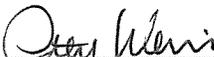
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