



---

DATE: February 23, 2011  
TO: Mayor and City Councilmembers  
FROM: Development Services Department  
SUBJECT: **PROPOSED TRAFFIC-CALMING DEVICES FOR BELLA COLLINA STREET**

**SYNOPSIS**

Staff recommends that the City Council approve the proposed speed humps to be installed in five locations on Bella Collina Street between Woodview Drive and Terracina Street.

**BACKGROUND**

Bella Collina residents have 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 (see Exhibit A). Over the years, the City's Engineering and Public Works staff has installed speed limit signs, curve warning signs, double yellow center lines, all-way stops; contacted the police requesting speed enforcement; and has had the radar trailer placed 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 still felt the need for the installation of other traffic-calming devices such as speed humps.

In 2009, City staff signed a contract with RBF Consulting, Inc., (RBF) to update the City's traffic-calming program. As part of the contract, staff and RBF chose Bella Collina Street, from Woodview Drive to the end/cul-de-sac of the street, as the test site to apply the process of the updated traffic-calming program in order to determine the best solution to the neighborhood's traffic concerns.

Bella Collina Street is referred to as "upper" and "lower" Bella Collina. "Upper" Bella Collina is between the end/cul-de-sac of the street to Terracina Street. "Lower" Bella Collina is between Woodview Drive and Terracina Street. The most recent request staff received from the neighborhood was to have speed humps installed on lower Bella Collina Street. Staff determined that there was a high probability of traffic diverting through upper Bella Collina Street if traffic-calming was installed on lower Bella Collina Street. Therefore, staff approached the whole "Bella Collina Neighborhood", upper and lower. This would require the neighborhood to communicate with each other and develop a traffic-calming plan that would be supported by the neighborhood as a whole.

In November 2009, staff hosted a neighborhood meeting to discuss the residents' traffic concerns, to get an idea of what traffic-calming devices the residents would like to see installed, and to form a Residential Task Force. The task force was made up of a few residents that represented various portions of the Bella Collina neighborhood. Staff, RBF, and the task force met a few times to develop a traffic-calming master plan that they felt the neighborhood would support. The master plan was sent out to obtain support from the neighborhood. However, the required percentages of support were not met. Therefore, staff met with the task force a final time to refine the master plan and reach a consensus with the neighborhood. Based on the results from the second round of surveys, the refined plan achieved the required percentage of support (see Table 1).

**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 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. Critical speed is established by identifying the maximum speed at which 85 percent of vehicles are traveling along a given road or road segment. 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 February 2010, the first traffic-calming plan was proposed to the Bella Collina Neighborhood to have devices placed on upper and lower Bella Collina Street. The plan included a pop-out, a choker, medians, and a chicane. No speed humps were proposed due to the feedback from the neighborhood meeting that was held in November 2009 and the residential task force. The results of the February 2010 survey are shown in Table 1. Since the required survey results were not met, the residential task force had to develop a new traffic-calming master plan.

Another meeting with the task force took place and a second plan was proposed. After much discussion, it was concluded to send out a new proposed plan in September 2010, which included speed humps to be installed on lower Bella Collina Street and no traffic-calming devices be installed on upper Bella Collina Street. See Exhibit A, Proposed Location for the Devices. This plan did meet the percentage requirements as stated in the new traffic-calming program. See Table 1.

Table 1: Results for Traffic Calming Master Plan

Required Results		Traffic Calming Master Plan	
		1 <sup>st</sup> Round (Feb. 2010)	2 <sup>nd</sup> Round (Sept. 2010)
Returned	40%	48% (Yes)	44% (Yes)
Support	55%	51% (No)	55% (Yes)
100% support from adjacent households?		No	Yes

\*Note: A total of 259 surveys were sent out.

**FISCAL IMPACT**

To date, the City has spent approximately \$15,000 for signing and striping on Bella Collina Street over the past six years. The funding source is TransNet and the current available balance in the FY 2010-2011 CIP account for Neighborhood Traffic Improvements (902523100212) is approximately \$289,000. The approximate cost for the installation of the proposed five speed humps, striping and signage will be \$25,000; therefore, sufficient funds are available.

**COMMISSION OR COMMITTEE REPORT**

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

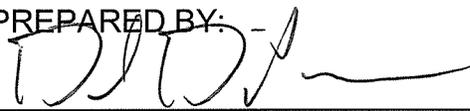
**CITY ATTORNEY'S ANALYSIS**

City Attorney analysis does not apply.

**RECOMMENDATION**

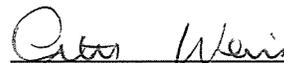
Staff recommends that the City Council approve the proposed speed humps to be installed in five locations on Bella Collina Street between Woodview Drive and Terracina Street.

PREPARED BY:



David DiPierro, T.E.  
City Traffic Engineer

SUBMITTED BY:



Peter A. Weiss  
City Manager

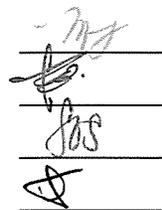
REVIEWED BY:

Michelle Skaggs Lawrence, Deputy City Manager

George Buell, Development Services Director

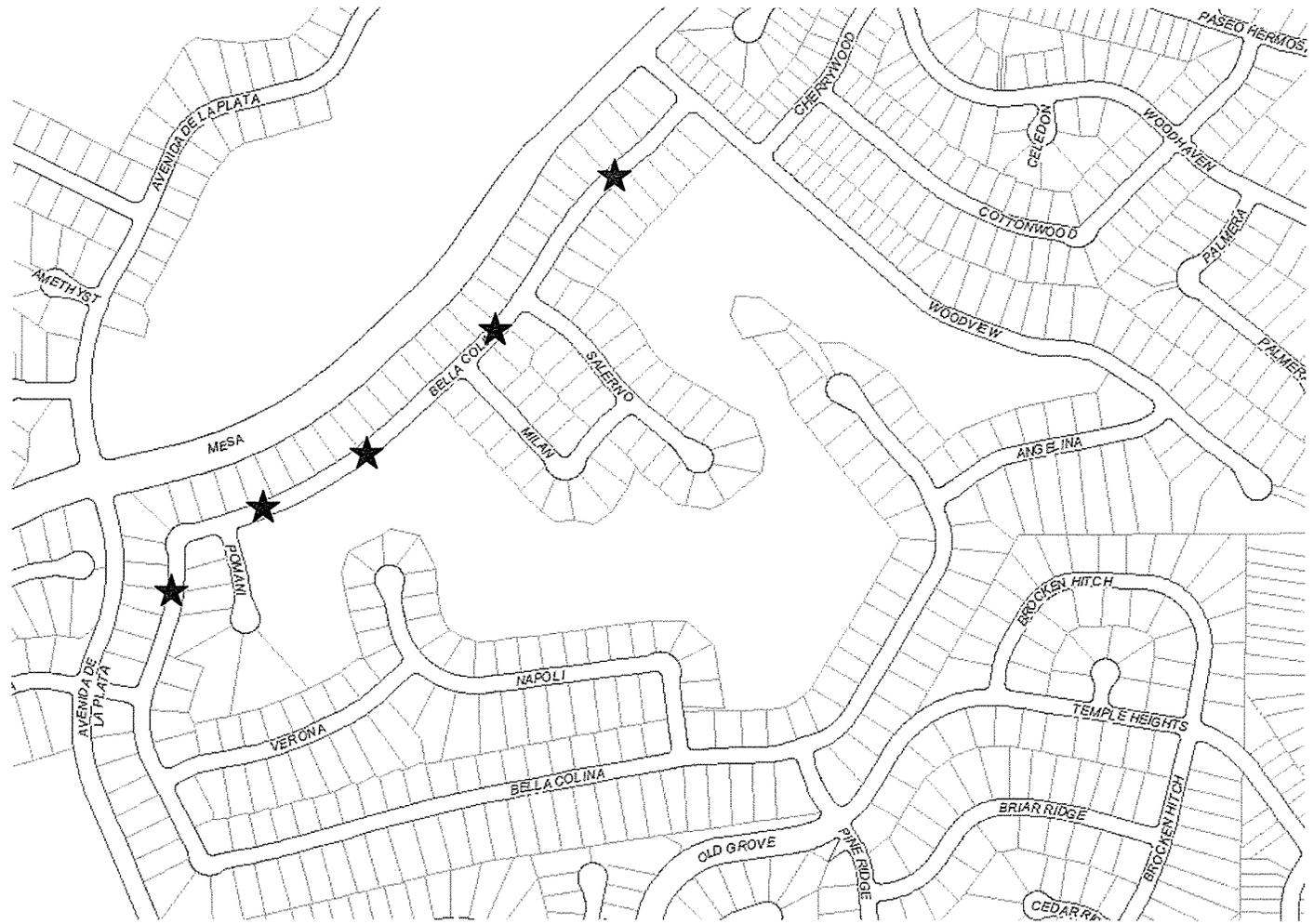
Scott O. Smith, City Engineer

Teri Ferro, Financial Services Director



Attachments:

- 1. Proposed Locations for Traffic Calming Devices (Exhibit A)



★ = Proposed locations of speed humps



NTS



PROJECT

**Proposed Locations of Traffic Calming Devices**

EXHIBIT  
**A**