



mesa·az Transportation Advisory Board Report

Date: August 18, 2009
To: Transportation Advisory Board
From: Renate Ehm, Senior Transportation Engineer
Subject: Hermosa Vista Drive between 64th Street and Power Road
Speed Cushion Installation

Purpose and Recommendation

This report presents the level of support for the proposed installation of speed cushions on Hermosa Vista Drive between 64th Street and Power Road from immediately affected property owners and from other road users. See Figure 1 for location map. Under the current Speed Hump Policy, the Transportation Advisory Board must approve the installation.

Staff recommends approval of the installation of speed cushions on Hermosa Vista Drive between 64th Street and Power Road.

Background

On February 5, 2009, the City Council approved a revision to the Speed Hump Policy that would permit the use of speed cushions on streets designated as fire routes. This policy change followed a pilot project whereby speed cushions were installed on Hermosa Vista Drive between Lindsay Road and Gilbert Road.

City Council approved \$150,000 for the speed hump program in the 2009-2010 fiscal year.

Hermosa Vista Drive is a collector type street that serves as a connection between the arterial and local neighborhood streets. Under the current Speed Hump Policy, when a street functions as a collector street, all road users shall have an opportunity to comment so as to determine the level of support/opposition from the broader community for speed cushions.

Discussion

Hermosa Vista has met all of the warranting criteria that make it eligible for speed cushions. It has a posted speed limit of 25 mph, the 85th percentile speed is 42 mph, which is at least 8 mph over the posted speed limit, the daily traffic volume is 800 vehicles per day, and the Fire Department does not object to their installation on this street. The survey of the 70 affected property owners confirmed at least 70% approval. Affected properties include all that abut this segment of Hermosa Vista, and three properties or a minimum of 300 feet on each side of the connecting streets.

Fifty (50) of the 70 affected property owners (71%) approve of the speed cushions, nine (9) do not approve, and 11 did not answer or could not be reached and are therefore considered not to approve.

Comments from other road users were generated through the placement of information signs on Hermosa Vista. The signs indicated that speed cushions were coming, and directed the public to a webpage, or a phone number, for more information. The signs were up for approximately three weeks in July.

Twenty-four (24) comments were received from people who did not live in the affected area (i.e., the properties included in the neighborhood survey). Twenty (20) were opposed to the installation saying they are unnecessary, there is no problem, the devices will impede traffic flow, increase greenhouse gas emissions, are a danger to drivers, will increase wear and tear on vehicles, will re-route vehicles onto Menlo Street, and are a waste of money.

Comments from another 14 people were received; however, these people did not provide their address. Nine (9) respondents said they were opposed to the speed cushions, four (4) expressed support, and one (1) had no opinion.

When dealing with potential traffic calming measures on collector streets, staff's experience has been that support for traffic calming largely comes from those who live on the affected streets, while there is little or no support from others who use but do not live on or adjacent to the affected streets. This is not unexpected since traffic has a larger impact on the quality of life for the adjacent residents than for drivers who use a particular street but live elsewhere. Thus historically more weight has been given to the desires of the residents of a street in implementing traffic calming, while still leaving the street available to all drivers.

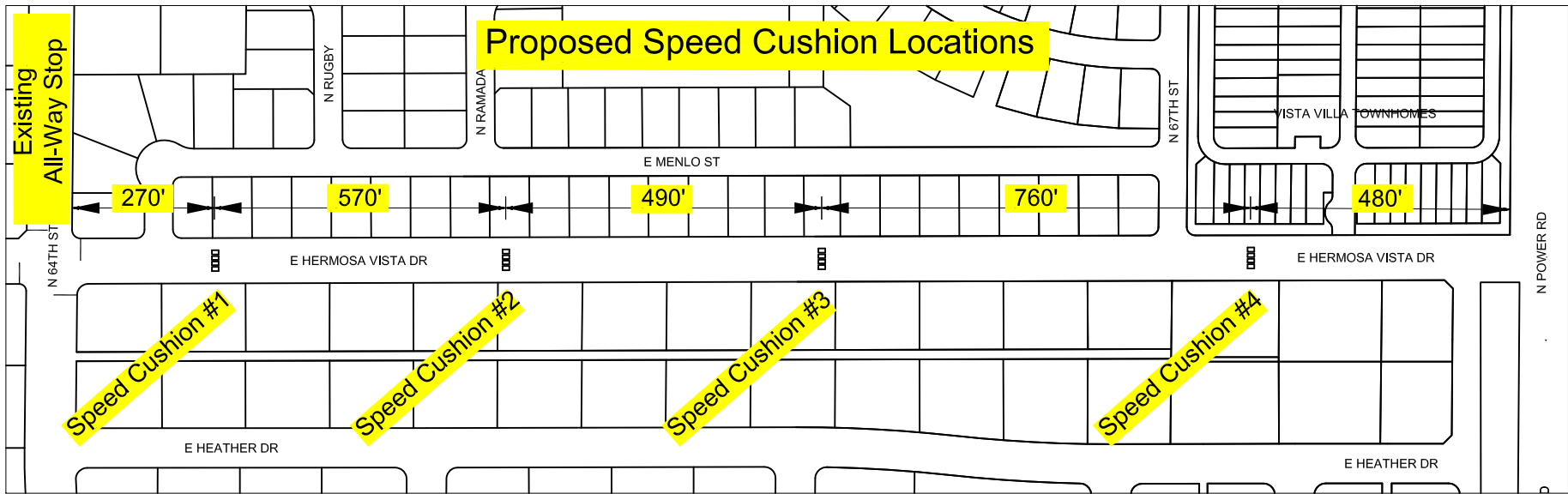
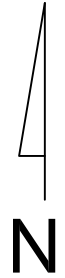
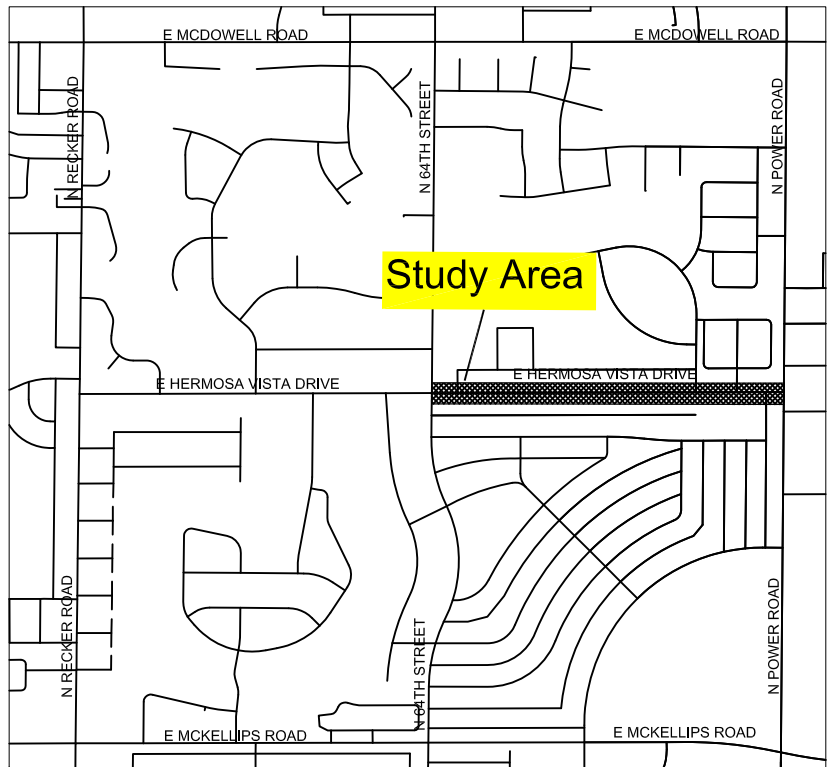
Alternatives

One alternative is not to approve speed cushions; however, this would be one less tool to address traffic speeds on this street.

Fiscal Impact

Four sets of speed cushions on Hermosa Vista are estimated to cost \$13,200.

Renate Ehm, Senior Transportation Engineer



ITEM NO. 5