Date: January 15, 2019
To: Transportation Advisory Board
From: Joe Draper, Traffic Studies Analyst
Subject: Hermosa Vista Drive between Harris Drive and Gilbert 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 Harris Drive and Gilbert Road from affected property owners and from other road users. See Figure 1 for the location map. Under the current Speed Hump Policy (Policy), once a street meets all the warranting criteria that make it eligible for the installation of speed cushions, the Transportation Advisory Board (TAB) must decide to approve or not approve the installation.

Staff recommends approval of the installation of speed cushions on Hermosa Vista Drive between Harris Drive and Gilbert Road.

Background

Hermosa Vista Drive is a collector type street that serves as a connection between the arterial and local neighborhood streets. Under the current Policy, the 85th percentile speed must be at least 8 mph over the posted speed limit, traffic volumes must be less than 5,000 vehicles per day, at least 70% of the affected property owners must support the installation, there must be less than 70% opposition from the secondarily affected property owners, and the Fire Department and the TAB must approve of the installation.

Discussion

Hermosa Vista Drive between Harris Drive and Gilbert Road has met all the warranting criteria that make it eligible for speed cushions.

Hermosa Vista Drive between Harris Drive and Gilbert Road has a posted speed limit of 25 mph, 85th percentile speed of 38.7 mph, and daily traffic volume of 899 vehicles. The Fire Department does not object to the installation of speed cushions.
in this street section.

The survey of the 58 affected property owners confirmed at least 70% approval. Affected properties include all that are within 300 feet of this segment of Hermosa Vista Drive.

Forty-three (43) or 74% of the 58 affected property owners approve of the speed cushions. Twelve (12) property owners are not in favor and three (3) property owners could not be reached and therefore, fifteen (15) are considered to not approve.

The survey of the 55 secondarily affected property owners confirmed less than 70% opposition. Secondarily affected properties include all that are over 300 feet and within 600 feet of this segment of Hermosa Vista Drive. Since no neighborhood liaison was identified for the denial survey, the City conducted a mail-out survey with postcards sent out in August 2018 and the denial survey concluding in November 2018.

Seven (7) or 13% of the 55 secondarily affected property owners oppose the speed cushions. Two (2) property owners are in favor and forty-six (46) property owners did not respond to the denial survey and therefore, forty-eight (48) are considered to approve.

Comments from other road users were generated through the placement of information signs on Hermosa Vista Drive. The signs indicated that speed cushions may be coming, and directed the public to a webpage, or a telephone number, for more information. The signs were up for two weeks in November of 2018.

Twenty-five (25) comments were received from people who live outside the affected areas (i.e., the properties not included in the neighborhood acceptance and denial surveys). Eight (8) supported speed cushions saying speed cushions are a must because of the children, pedestrians, and cyclists in the area and that they regularly witness speeding along this stretch of uninterrupted road. Seventeen (17) were opposed to the installation saying residents in the neighborhood are respectful of speed limits, speed humps are hard on their vehicles and a nuisance, associated noise is not desired, and speed humps do not slow anyone down.

Comments from another nine (9) people were received; however, these people did not provide their addresses. Two (2) people were in favor and seven (7) people were opposed to the speed cushions.
Table 1: Speed Cushion Survey Results

<table>
<thead>
<tr>
<th>RESPONSES</th>
<th>IN FAVOR</th>
<th>OPPOSED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Within affected area</td>
<td>43 (74%)</td>
<td>15 (26%)</td>
</tr>
<tr>
<td>Within secondarily affected area</td>
<td>48 (87%)</td>
<td>7 (13%)</td>
</tr>
<tr>
<td>Outside affected and secondarily affected areas</td>
<td>8 (32%)</td>
<td>17 (68%)</td>
</tr>
<tr>
<td>Area not known</td>
<td>2 (22%)</td>
<td>7 (78%)</td>
</tr>
</tbody>
</table>

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 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 to not approve the installation of speed cushions; however, this would be one less tool to address traffic speeds on this street.

Fiscal Impact

Two sets of speed cushions on Hermosa Vista Drive are estimated to cost $12,000.00 ($6,000.00 each set on a 34-foot wide road).