



mesa·az Transportation Advisory Board Report

Date: July 19, 2022
To: Transportation Advisory Board
From: Joe Draper, Traffic Studies Analyst
Subject: 64th Street between McKellips Road and Hermosa Vista Drive
Speed Cushion Installation

Purpose and Recommendation

This report presents the level of support for the proposed installation of speed cushions on 64th Street between McKellips Road and Hermosa Vista Drive 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 64th Street between McKellips Road and Hermosa Vista Drive.

Background

Sixty-fourth Street is a collector type street that serves as a direct connection to residential driveways and 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

Sixty-fourth Street between McKellips Road and Hermosa Vista Drive has met all the warranting criteria that make it eligible for speed cushions.

Sixty-fourth Street between McKellips Road and Hermosa Vista Drive has a posted speed limit of 25 mph, 85th percentile speed of 38.5 mph, and daily traffic volume of 1,068 vehicles. The Fire Department does not object to the installation of speed

cushions on this street section.

The survey of the 71 affected property owners confirmed at least 70% approval. Affected properties include all that are within 300 feet of this segment of 64th Street.

Fifty (50) or 70% of the 71 affected property owners approve of the speed cushions. Twelve (12) property owners are not in favor, three (3) property owners have no opinion, and six (6) property owners could not be reached and therefore, twenty-one (21) are considered to not approve.

The survey of the fifty-six (56) 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 64th Street. Since no neighborhood liaison was identified for the denial survey, staff conducted a mail-out survey with postcards sent out in February 2022 and the denial survey concluding in May 2022.

We received eight (8) responses from the 56 secondarily affected property owners. Three (3) are in favor, five (5) are not in favor and forty-eight (48) did not respond. Therefore, fifty-one (51) are considered to approve.

Comments from other road users were generated through the placement of information signs on 64th Street. 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 May of 2022.

Thirty-seven (37) comments were received from people who live outside the affected areas (i.e., the properties not included in the neighborhood acceptance and denial surveys). Thirteen (13) supported the installation of speed cushions saying installation of these devices would create a safer environment for all street users. Twenty-four (24) were opposed to the installation saying it does not solve the problem but adds a burden for the neighborhood residents and that there is not a constant speeding issue.

Table 1 summarizes the results of the multiple surveys conducted for this segment of 64th Street.

Table 1: Speed Cushion Survey Results

| RESPONSES | IN FAVOR | OPPOSED |
|---|-----------------|----------------|
| Within affected area | 50 (70%) | 21 (30%) |
| Within secondarily affected area | 51 (91%) | 5 (9%) |
| Outside affected and secondarily affected areas | 13 (35%) | 24 (65%) |

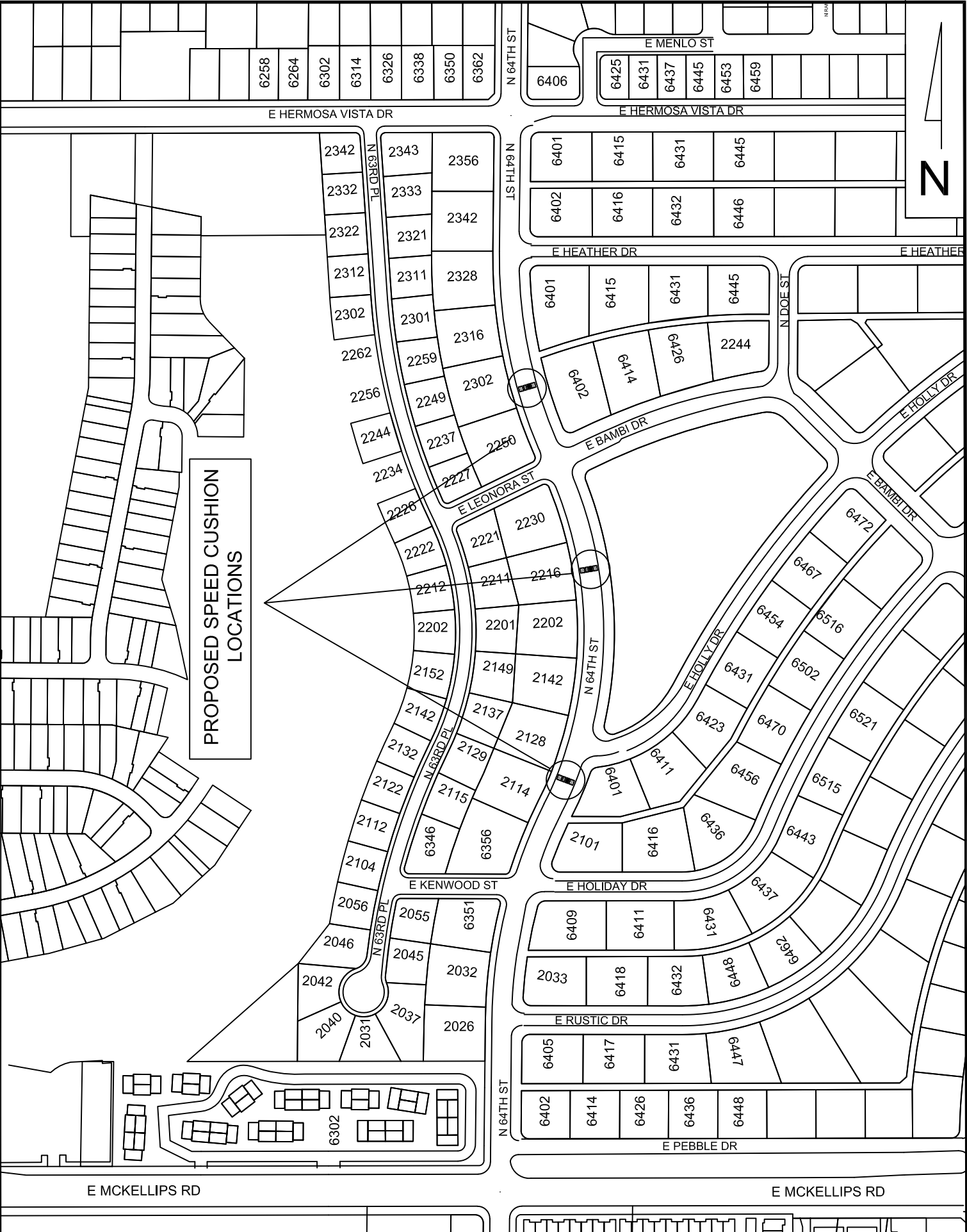
When dealing with potential traffic calming measures on collector streets, staff's experience has been that support for traffic calming largely comes from those who live on the affected streets, while there is little or no support from others who do not live on or adjacent to the affected streets. This 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

Three sets of speed cushions on 64th Street are estimated to cost \$18,000 (\$6,000 each set on a 48-foot-wide road.)



LOCATION MAP: 64TH ST - MCKELLIPS RD TO HERMOSA VISTA DR