



Transportation Advisory Board Report

Date: September 19, 2017
To: Transportation Advisory Board
From: Joe Draper, Traffic Studies Analyst
Subject: McLellan Road between Stapley Drive and Harris Drive
Speed Cushion Installation

Purpose and Recommendation

This report presents the level of support for the proposed installation of speed cushions on McLellan Road between Stapley Drive and Harris Drive from immediately 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 of the warranting criteria that make it eligible for the installation of speed cushions, the Transportation Advisory Board (TAB) must make a decision to approve or not approve the installation.

Staff recommends approval of the installation of speed cushions on McLellan Road between Stapley Drive and Harris Drive.

Background

McLellan Road 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, and the Fire Department and the TAB must approve of the installation.

Discussion

McLellan Road between Stapley Drive and Harris Drive has met all the warranting criteria that make it eligible for speed cushions.

McLellan Road between Stapley Drive and Harris Drive has a posted speed limit of 25 mph, 85th percentile speed of 35.7 mph, and daily traffic volume of 1,156 vehicles. The Fire Department does not object to the installation of speed cushions in this street section. The survey of the 88 affected property owners confirmed at least 70%

approval. Affected properties include all that abut this segment of McLellan Road, and a minimum of 300 feet on each side of the connecting streets.

Sixty-four (64) or 73% of the 88 affected property owners approve of the speed cushions. Twenty-one (21) property owners are not in favor and three (3) property owners could not be reached and therefore, twenty-four (24) are considered to not approve.

Comments from other road users were generated through the placement of information signs on McLellan Road. 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 August of 2017.

Thirty-five (35) comments were received from people who live outside the affected area (i.e., the properties not included in the neighborhood survey). Three (3) supported speed cushions saying speed cushions are a must because of the children in the area, residents that live on the street regularly see drivers speeding and a school teacher is worried about the driver's speed during the day. Thirty-two (32) were opposed to the installation saying drivers would speed right over them, speed humps damage vehicle suspensions, bring down the value of homes and speed humps will shift traffic to other residential streets.

Comments from another fifteen (15) people were received; however, these people did not provide their addresses. One (1) person was in favor and fourteen (14) people were opposed to the speed cushions.

Table 1: Speed Cushion Survey Results

RESPONSES	IN FAVOR	OPPOSED
Within affected area	64 (73%)	24 (27%)
Outside affected area	3 (9%)	32 (91%)
Area not known	1 (7%)	14 (93%)

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 McLellan Road are estimated to cost \$24,000.00, (\$8,000.00 each set on a 48-foot wide road).

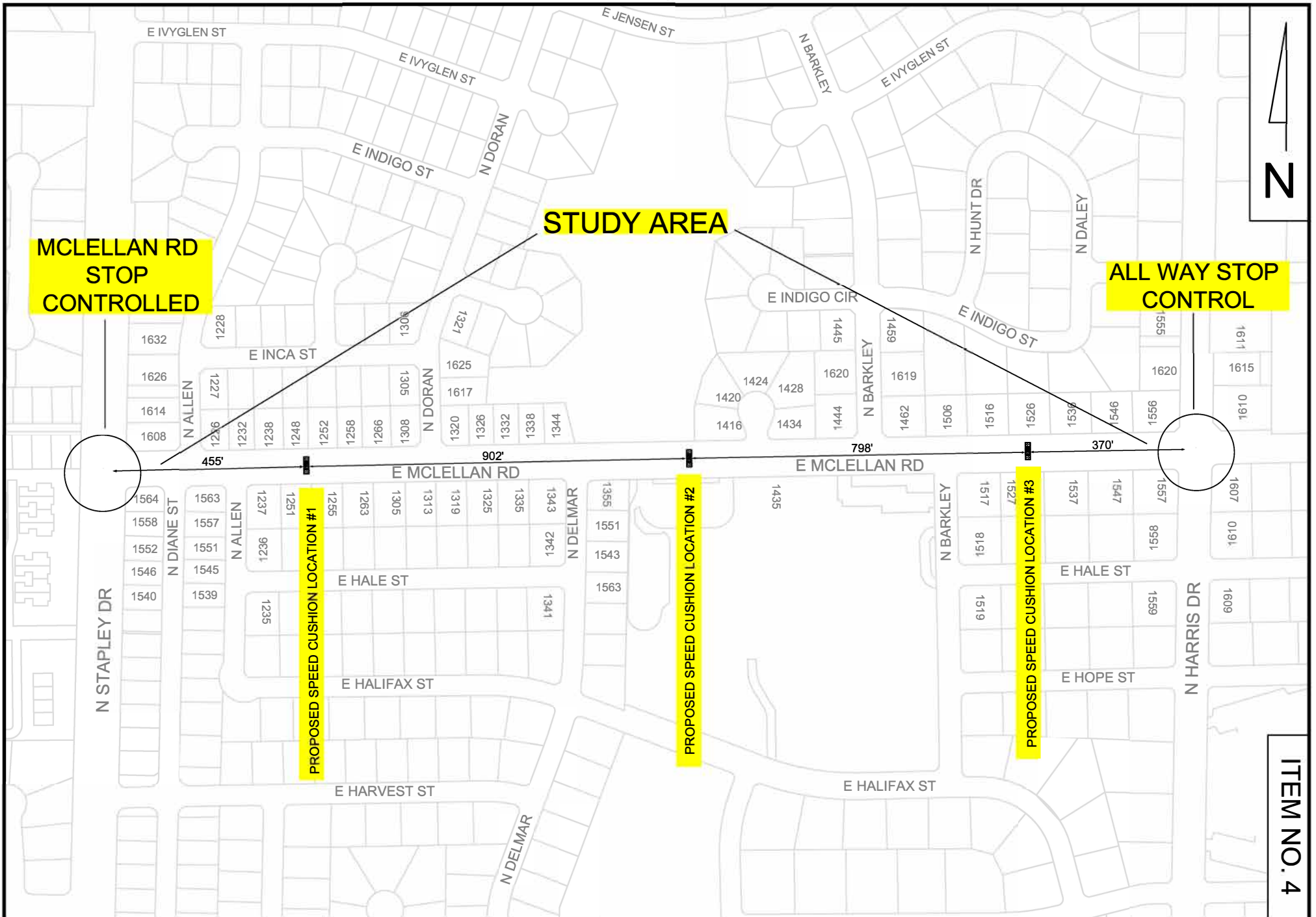


FIGURE 1: LOCATION MAP