



**DATE:** June 26, 2018

**CATEGORY:** Consent

**DEPT.:** Public Works

**TITLE:** **Pedestrian/Bicycle Safety Improvements, Project 14-40, Annual Traffic Studies/NTMP Improvements, Projects 18-15 and 19-15 – Approve Plans and Specifications and Authorize Bidding**

### **RECOMMENDATION**

1. Approve plans and specifications for Pedestrian/Bicycle Safety Improvements, Project 14-40, Annual Traffic Studies/NTMP Improvements, Projects 18-15 and 19-15, and authorize staff to advertise the project for bids.
2. Authorize the City Manager to award the construction contract to the lowest responsible bidder if the low bid is within the project budget.

### **BACKGROUND**

In response to resident requests for traffic calming along Sylvan Avenue, the City performed speed surveys in October 2016. The surveys showed that there were approximately 7,000 vehicles per day on Sylvan Avenue (posted speed limit of 30 miles per hour) and that 15 percent were travelling at or above 37 miles per hour, qualifying Sylvan Avenue for the City's Neighborhood Traffic Management Program (NTMP).

Following the NTMP guidelines, the City held a neighborhood meeting to discuss options for traffic calming. At the meeting, staff and residents selected options and staff conducted a postcard survey of potential improvements. Staff presented improvements that received at least 67 percent approval from residents returning the postcard survey to the Council Transportation Committee (CTC) on November 27, 2017, and the CTC approved the improvements.

### **ANALYSIS**

The CTC-approved improvements are:

1. In-roadway warning lights (IRWLs) and LED-enhanced pedestrian crossing signs at the intersections of Sylvan Avenue-Glenborough Drive/East Dana Street and Sylvan Avenue-Sevely Drive.

2. Electronic speed radar signs along Sylvan Avenue at the north side of Glenborough Drive-East Dana Street and the south side of Sevely Drive.

While speed humps were discussed at length during the CTC meeting, speed humps only received 54 percent support from the voting residents. Therefore, speed humps did not meet the super-majority (67 percent) approval needed and are not included in the proposed improvements.

Staff will reevaluate the speeds along Sylvan Avenue six months after improvements are installed rather than the typical one-year evaluation per the CTC's recommendation.

The following Figures 1 through 3 show examples of each of the proposed improvements.



**Figure 1 – Example of an Electronic Speed Radar Sign**



**Figure 2 – Example of In-Roadway Warning Lights (IRWLs)**



**Figure 3 – Example of LED-Enhanced Pedestrian Crossing Sign**

The estimated project cost is as follows:

Construction	\$190,000
Construction Contingency	19,000
Design	21,000
Project Management	14,000
City Inspection	<u>21,000</u>
Subtotal	\$265,000
City Administration @ 6.5%	<u>17,300</u>
<b>TOTAL PROJECT COST</b>	<b><u>\$282,300</u></b>

Plans and specifications are complete and available for viewing in the Public Works Department. If Council approves the recommended actions and responsive bids within budget are received, construction is expected to begin in October 2018 and be completed by the end of December 2018.

## **FISCAL IMPACT**

Because of the relatively high cost of this NTMP project, funds from three different projects are recommended, as follows:

<b>Project</b>	<b>Funding</b>
Annual Traffic Studies/NTMP Improvements, Project 18-15	\$ 32,689
Pedestrian/Bicycle Safety Improvements, Project 14-40	187,433
Annual Traffic Studies/NTMP Improvements, Project 19-15 (funding available July 1, 2018)	<u>62178</u>
<b>TOTAL</b>	<b><u>\$282,300</u></b>

There is sufficient funding in these projects for the recommended actions.

## **ALTERNATIVES**

1. Do not approve plans and specifications and authorization to bid the project and place project on hold.
2. Provide other direction.

## **PUBLIC NOTICING**

Agenda posting, e-mail notices to interested parties, and posting on social media.

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