



Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: November 21, 2016

Re: Public Hearing for the Rice Road Traffic Calming Project

Executive Summary

Public hearing for the installation of speed tables and speed humps on Rice Road, between Hanover Boulevard and Shamrock Drive, and on Kelsey Drive, between Shamrock Drive and North Lake of the Woods Drive. The estimated cost of this project is \$72,000.

Discussion

Rice Road scored as the third highest priority project within the Neighborhood Traffic Management Program (NTMP), with a score of 82.79 out of a possible 100, while Kelsey Drive scored 55.33 and ranked eighteenth. The scoring system takes a number of factors into consideration including: speed, volume, pedestrian generators in the area, proximity to schools, bike routes and recent accident history. The majority of the scoring ($\frac{2}{3}$) is based on speed and volume of vehicles. The speed limit on Rice Road is currently set at 30 mph; however, this street scored at the 85th percentile speed of 44.93 mph, and has over 1,800 vehicles traveling on it per day. The speed limit on Kelsey Drive is currently set at 25 mph; however, this street scored at the 85th percentile speed of 42.89 mph, and has over 600 vehicles traveling on it per day.

Two Interested Parties (IP) meetings were held at the Hanover House on December 12, 2015 and again on July 12, 2016. During the first meeting, staff gathered information from the public and listened to potential solutions. The majority of those in attendance overwhelmingly recommended, and were in favor of, traffic calming to encourage lower speeds, and adding Kelsey Drive to the Rice Road project. This information was included in the 2015 Neighborhood Traffic Management Year End Report which was adopted by Council on May 2, 2016.

Using the information gathered at the December 2, 2015 IP meeting, and taking into account that Rice Road is over 1.0 miles in length and Kelsey Drive is over 0.5 miles in length, preliminary plans were developed and presented at the July 12, 2016 IP meeting. Attendees were in favor of the preliminary plan shown with speed tables (a raised section of the roadway where the pavement is elevated, flat in the middle, with ramps on the ends) and speed humps (a raised section of the roadway where the pavement is elevated, but the ramps are shorter than a speed table). The speed tables and speed humps create a large area of influence throughout the street. Construction of the traffic calming devices is expected during the 2017 construction season.



Fiscal Impact

Short-Term Impact: The estimated cost for installation of seven speed tables is \$56,000, and four speed humps is \$16,000, totaling \$72,000 to be paid from Annual Traffic Calming funds. Long-Term Impact: Staff anticipates the replacement of the speed tables and speed humps every 15 years.

Vision & Strategic Plan Impact

Vision Impacts:

Primary Impact: Transportation, Secondary Impact: Secondary, Tertiary Impact: Tertiary

Strategic Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Secondary, Tertiary Impact: Tertiary

Comprehensive Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Secondary, Tertiary Impact: Tertiary

Legislative History

Date	Action
12/02/2015	IP Meeting
05/02/2016	R50-16-Accepting the Neighborhood Traffic Management Program 2015 Year End Report Summary; authorizing a comprehensive study for possible traffic calming projects on Rice Road, Kelsey Drive, Sexton Road and Stewart Road
07/12/2016	IP Meeting
10/17/2016	R148-16-Setting a Public Hearing for 11/21/16 for the construction of traffic calming speed tables and speed humps along portions of Rice Road and Kelsey Drive

Suggested Council Action

After council discussion and public input, direct staff to move forward with the installation of speed tables and speed humps on Rice Road, between Hanover Boulevard and Shamrock Drive, and on Kelsey Drive, between Shamrock Drive and North Lake of the Woods Drive.