



City of Columbia

701 East Broadway, Columbia, Missouri 65201

Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: March 6, 2023

Re: Public Hearing for the Manor Drive Traffic Calming Project

Executive Summary

Public hearing to consider the installation of traffic calming devices on Manor Drive between Broadway and Rollins Road. The estimated cost of the project is \$8,000.

Discussion

Manor Drive scored as the 5th priority project within the 2021 Neighborhood Traffic Management Program (NTMP), with a score of 76.00 out of a possible 100. 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 crash history. The majority of the scoring (2/3) is based on speed and volume of vehicles. Manor Drive scored at the 85th percentile speed of 41 mph and has over 700 vehicles traveling on it per day.

A sidewalk project was completed on Manor Drive in 2016. As part of this project, traffic calming devices were installed on the north end of Manor Drive. These devices continue to work effectively to reduce the operating speeds on this portion of the roadway. However, on the southern portion of Manor Drive where traffic calming devices are not present, vehicle operating speeds are higher than desirable.

Two Interested Parties (IP) meetings were held for this project. The first IP meeting was held on June 13, 2022. The second IP meeting was held on November 9, 2022.

During the first IP meeting, staff gathered information from the public and listened to potential solutions. Minimal feedback was provided from residents during the IP meeting and comment period.

Preliminary plans were developed and presented during the second IP meeting. Minimal feedback was received regarding the proposed plan for traffic calming.

Staff would like to proceed with the construction of two speed humps on Manor Drive during the 2023 construction season.

The calming devices will be located at the following locations:

- Speed hump on Manor Drive near 404 Manor Drive
- Speed hump on Manor Drive near 508 Manor Drive

Fiscal Impact

Short-Term Impact: The estimated cost for the installation of a series of two speed humps, including signs and markings, is \$8,000 paid from Annual Traffic Calming Funds.



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Long-Term Impact: Staff anticipates the replacement of the traffic calming devices every 15 years.

Strategic & Comprehensive Plan Impact

Strategic Plan Impacts:

Primary Impact: Safe Neighborhoods, Secondary Impact: Secondary, Tertiary Impact: Tertiary

Comprehensive Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Not applicable, Tertiary Impact: Not Applicable

Legislative History

Date	Action
02/06/2023	R11-23 Setting a public hearing: proposed installation of traffic calming devices on Manor Drive between Broadway and Rollins Road.
02/06/2023	R18-23 Accepting the Neighborhood Traffic Management Program 2022 Year End Report Summary; authorize staff to continue the public improvement process for the proposed installation of traffic calming devices on Audubon Drive, Shepard Boulevard, Manor Drive, Russell Boulevard, and Northland Drive; and pursue traffic calming projects on Spencer Avenue, Garden Drive, Hanover Boulevard, and Hulen Drive.
11/09/2022	IP Meeting Held
06/13/2022	IP Meeting Held
02/21/2022	R24-22- Accepting the Neighborhood Traffic Management Program 2021 Year End Report Summary; authorizing the installation of traffic calming devices on Bray Avenue; authorizing staff to complete the public improvement process for the proposed installation of traffic calming devices on Smith Drive, Louisville Drive, Proctor Drive, Audubon Drive, Shepard Boulevard, Ridgely Road, Ridgely and Highridge Drive; authorizing staff to pursue traffic calming projects on Garth Avenue, Manor Drive, Russell Boulevard and Northland Drive.

Suggested Council Action

Approve the installation of traffic calming devices on Manor Drive between Broadway and Rollins Road.