



City of Columbia

701 East Broadway, Columbia, Missouri 65201

Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: November 6, 2023

Re: Public Hearing for the Garden Drive Traffic Calming Project

Executive Summary

Public Hearing to consider the installation of traffic calming devices on Garden Drive between I-70 Drive Northwest and Mayflower Drive. The estimated cost of the project is \$28,000.

Discussion

Garden Drive scored as the 6th highest priority project within the 2022 Neighborhood Traffic Management Program (NTMP), with a score of 73.77 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. Garden Drive scored at the 85th percentile speed of 38.7 mph and has approximately 800 vehicles traveling on it per day.

Two Interested Parties (IP) meetings were held for this project. The first IP meeting was held on April 10, 2023. The second IP meeting was held on August 9, 2023.

During the first IP meeting, staff gathered information from the public and listened to potential solutions. The majority of those in attendance and providing feedback were supportive of traffic calming efforts.

Preliminary plans were developed and presented during the second IP meeting. The majority of those in attendance and providing feedback were supportive of the proposed plan for calming.

Staff would like to proceed with the construction of seven speed humps on Garden Drive during the 2024 construction season.

The calming devices will be located at the following locations:

- Speed hump on Garden Drive near 2305 Garden Drive
- Speed hump on Garden Drive near 2205 Garden Drive
- Speed hump on Garden Drive near 1917 Garden Drive
- Speed hump on Garden Drive near 1900 Garden Drive
- Speed hump on Garden Drive near 1712 Garden Drive
- Speed hump on Garden Drive near 1612 Garden Drive
- Speed hump on Garden Drive near 1405 Garden Drive



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Fiscal Impact

Short-Term Impact: : The estimated cost for the installation of a series of seven speed humps, including signs and markings, is \$28,000 paid from Annual Traffic Calming Funds.

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 Community, Secondary Impact: Secondary, Tertiary Impact: Tertiary

Comprehensive Plan Impacts:

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

Legislative History

Date	Action
10/02/2023	R146-23 Setting a public hearing: proposed installation of traffic calming devices on Garden Drive between I-70 Drive Northwest and Mayflower Drive.
08/09/2023	IP Meeting Held
04/10/2023	IP Meeting Held
02/06/2023	R18-23 Accepting the Neighborhood Traffic Management Program 2022 Year End Report Summary; authorizing staff to complete the installation of traffic calming devices on Smith Drive and Louisville Drive; authorizing the installation of traffic calming devices on Ridgfield Road, Ridgemont, Highridge Drive, and South Garth Avenue; authorizing staff to complete the public improvement process for the proposed installation of traffic calming devices on Audubon Drive, Shepard Boulevard, Manor Drive, Russell Boulevard, and Northland Drive; authorizing staff to pursue traffic calming projects on Spencer Avenue, Garden Drive, Hanover Boulevard, and Hulen Drive; authorizing staff to continue to address Level 1 traffic calming projects per the Neighborhood Traffic Management Program guidelines

Suggested Council Action

Approve the installation of traffic calming devices on Garden Drive between I-70 Drive Northwest and Mayflower Drive.