



City of Columbia

701 East Broadway, Columbia, Missouri 65201

Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: May 15, 2023

Re: Public Hearing for the Northland Drive Traffic Calming Project

Executive Summary

Public Hearing to consider the installation of traffic calming devices on Northland Drive between Blue Ridge Road and Parker Street. The estimated cost of the project is \$55,000.

Discussion

Northland Drive scored as the 7th highest priority project within the 2021 Neighborhood Traffic Management Program (NTMP), with a score of 75.67 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. Northland Drive scored at the 85th percentile speed of 49.28 mph and has over 1,200 vehicles traveling on it per day.

Two Interested Parties (IP) meetings were held for this project. The first IP meeting was held on December 1, 2022. The second IP meeting was held on February 28, 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 eight speed humps, and one raised crosswalk on Northland Drive during the 2023 construction season.

The calming devices will be located at the following locations:

- Speed hump on Northland Drive near the Bear Creek Bridge
- Speed hump on Northland Drive near 2909 Argyle Road
- Speed hump on Northland Drive near 2933 Northland Drive
- Speed hump on Northland Drive near 2909 Haden Drive
- Speed hump on Northland Drive near 2907 Northland Drive
- Speed hump on Northland Drive near 2811 Northland Drive
- Speed hump on Northland Drive near 2734 Northland Drive
- Speed hump on Northland Drive near 2716 Northland Drive
- Raised crosswalk at current Bear Creek Trail crossing



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Fiscal Impact

Short-Term Impact: The estimated cost for the installation of a series of eight speed humps and one raised crosswalk, including signs and markings, is \$55,000 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 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
04/17/2023	R57-23 Setting a public hearing to consider the installation of traffic calming devices on Northland Drive between Blue Ridge Road and Parker Street.
02/28/2023	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, Ridgmont, 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
12/01/2022	IP Meeting Held
02/21/2022	R24-22- Accepting the Neighborhood Traffic Management



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	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, Ridgefield Road, Ridgemont and Highridge Drive; authorizing staff to pursue traffic calming projects on Garth Avenue, Manor Drive, Russell Boulevard and Northland Drive.
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Suggested Council Action

Authorize the installation of traffic calming devices on Northland Drive between Blue Ridge Road and Parker Street.