



Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: May 3, 2021

Re: Public Hearing for the North William Street and Hinkson Avenue Traffic Calming Project

Executive Summary

A public hearing is being held to consider the installation of traffic calming devices on North William Street between Paris Road and East Walnut Street, and on Hinkson Avenue between Paris Road and Old 63 North. The estimated cost of the project is \$50,000.

Discussion

North William Street scored as the second highest priority project within the 2018 Neighborhood Traffic Management Program (NTMP), with a score of 84.46 out of a possible 100. Hinkson Avenue scored as the third highest priority project within the 2018 Neighborhood Traffic Management Program (NTMP), with a score of 82.00 out of a possible 100. These projects were combined due to their close proximity to each other and the overlap of interested parties.

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. The speed limit on North William Street is 25 mph; however this street scored at the 85th percentile speed of 32.71 mph and has over 2,800 vehicles traveling on it per day. The speed limit on Hinkson Avenue is 25 mph; however this street scored at the 85th percentile speed of 39.14 mph and has over 1,200 vehicles traveling on it per day.

Three Interested Parties (IP) meetings were held for this project. The first IP Meeting occurred at Benton Elementary School on October 15, 2019, the second IP Meeting occurred at City Hall on September 2, 2020, and the third IP Meeting was held virtually from March 1, 2021 to March 12, 2021. During the first meeting, staff gathered information from the public and listened to potential solutions. The majority of those in attendance were in favor of traffic calming to encourage lower speeds.

Using the information gathered at the October 15, 2019 meeting, preliminary plans were developed and presented at the second IP meeting which was held on September 2, 2020 meeting. Attendees were supportive of the preliminary plan.

During the November 16, 2020 Public Hearing, concern was raised by council and the public regarding the plan to install chicanes on North William Street. Staff was directed by council to hold an additional IP meeting to gather further information and present revised traffic calming plans. During the third IP meeting staff presented two alternatives for traffic calming on North William Street. Option one is a traffic calming plan featuring a revised layout of



chicanes. Option two is a traffic calming plan featuring two speed humps, a speed table, and a bulbout. Both designs were deemed acceptable by emergency services. Both option one and option two received strong support during the third interested parties meeting. However, staff received more comments in support of option two, especially from community members that reside near the project. The proposed design for Hinkson Avenue remained unchanged due to support of the design during the public hearing

Staff would like to proceed with the construction of option two which includes speed humps, a speed table, and a bulbout on North William Street along with three speed humps on Hinkson Avenue. Construction would occur during the 2021 construction season.

The calming devices will be located at:

- Speed hump on North William Street just south of Amelia Street
- Speed hump on North William Street just north of Richardson Street
- Speed table at the intersection of North William Street and Windsor Street
- Bulbout at the intersection of North William Street and Windsor Street
- Speed hump on Hinkson Avenue between Melbourne Street and Ripley Street
- Speed hump on Hinkson Avenue between North William Street and Ann Street
- Speed hump on Hinkson Avenue between Ann Street and Old 63 North

Fiscal Impact

Short-Term Impact: The estimated cost for installation of two speed humps, a speed table and a bulbout on North William Street, and three speed humps on Hinkson Avenue including signs and markings is \$50,000 and will be 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: Infrastructure, Secondary Impact: Secondary, Tertiary Impact: Tertiary

Comprehensive Plan Impacts:

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

Legislative History

Date	Action
04/05/2021	R43-20 Setting a Public Hearing; proposed installation of traffic calming devices on North William Street between Paris Road and Walnut Street, and on Hinkson Avenue between Paris Road and Old 63 North
3/1/2021-3/12/2021	Third IP Meeting Held



City of Columbia

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11/16/2020	PH40-20 Proposed installation of traffic calming devices on William Street between Paris Road and Walnut Street, and Hinkson Avenue between Paris Road and Old 63 North.
10/19/2020	R128-20 Setting a Public Hearing; proposed installation of traffic calming devices on North William Street and Hinkson Avenue
09/02/2020	Second IP Meeting Held
10/15/2019	First IP Meeting Held
01/22/2019	R13-19 Accepting the Neighborhood Traffic Management Program 2018 Year End Report Summary.

Suggested Council Action

After the public hearing and Council discussion, direct staff to move forward with construction plans and specifications for the installation of traffic calming devices on North William Street between Paris Road and East Walnut Street, and on Hinkson Avenue between Paris Road and Old 63 North.