



Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: March 20, 2023

Re: Public Hearing for the Construction of the Maguire Boulevard Slope Stabilization Project.

## Executive Summary

Staff is requesting a public hearing for the construction of a slope stabilization project on both sides of Maguire Boulevard due to steep slopes. The steep slopes have caused falling rock and debris onto a section of the sidewalk which staff has closed for safety reasons. An interested parties meeting was held on February 2, 2023. The total project cost estimate for this project (design, easements, and construction) is \$450,000.

## Discussion

The Maguire Boulevard slope stabilization project is located in southeast Columbia along both sides of Maguire Boulevard between the North Fork of the Grindstone bridge and the South Fork of the Grindstone bridge. Maguire Boulevard was constructed in 2010. Extensive rock cuts were completed during the construction of the roadway alignment and since that time there has been rock and debris falling from the sideslopes next to the sidewalk along both sides of the roadway. In 2019, Staff closed a section of sidewalk along the east side of Maguire Boulevard due to concerns over the falling rock and debris. Crockett Engineering Consultants was hired to complete a geotechnical evaluation and engineering design needed to construct the slope stabilization along the rock-cut face on both sides of the roadway. The designed project improvements include benching the rock outcrop and reconstructing the sidewalks.

One temporary construction easement is anticipated to be needed to construct the proposed improvements. An interested parties meeting was held on February 2, 2023. One citizen attended the meeting and no written comments have been received regarding the project.

The estimated total project cost (design, easements, and construction) is \$450,000. The project will be funded with the ¼ cent Capital Improvement Program (CIP) sales tax. Construction of the project is anticipated to begin in fall of 2023.

## Fiscal Impact

Short-Term Impact: The total project estimate is \$450,000 and will be funded with the ¼ cent Capital Improvement Program (CIP) sales tax.

Long-Term Impact: none



## Strategic & Comprehensive Plan Impact

### Strategic Plan Impacts:

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

### Comprehensive Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Mobility, Connectivity, and Accessibility, Tertiary Impact: Not Applicable

## Legislative History

Date	Action
02/20/2023	R21-23 Setting a public hearing: proposed construction of a slope stabilization project along a portion of Maguire Boulevard between the North and South Forks of the Grindstone Bridge to include benching the rock outcrop and reconstructing sidewalks.
04/05/2021	R49-21 Authorizing an agreement for professional engineering services with Crockett Engineering Consultants for the geotechnical evaluation and design for side slope stabilization along portions of Maguire Boulevard.

## Suggested Council Action

Approve the construction of a slope stabilization project along a portion of Maguire Boulevard between the North and South Forks of the Grindstone Bridge to include benching the rock outcrop and reconstructing sidewalks.