



Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: April 5, 2021

Re: Authorizing a Professional Engineering Services Agreement with Crockett Engineering Consultants for Design Services Relating to the Maguire Boulevard Slope Stabilization Project.

Executive Summary

Staff is requesting council authorize the City Manager to execute a professional engineering services agreement with Crockett Engineering Consultants for design services relating to the Maguire Boulevard Slope Stabilization project. The professional engineering services agreement is for a not to exceed amount of \$37,850.

Discussion

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 side slopes 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. A geotechnical evaluation and civil engineering design is need to construct the slope stabilization along the rock-cut face on both sides of Maguire Boulevard. The design will take into account the current conditions and provide bid ready plans to reshape the existing slope so as not to have rock and debris falling on the public right-of-way.

The professional engineering services agreement with Crockett Engineering Consultants will include the following services related to the design and construction to stabilize the rock cut along both sides of Maguire Boulevard.

- Complete topographic survey and create existing rock cut face diagram
- Review of geotechnical engineering report
- Develop preliminary plans
- Develop right of way plans and easement descriptions
- Coordinate with utilities
- Develop final plans, specifications, and cost estimate
- Provide construction oversight

The professional engineering services agreement is for a not to exceed amount of \$37,850. The total project cost can be estimated once the scope of the improvement to stabilize the slope has been determined. The project will be funded using the quarter-cent Capital Improvement Program sales tax. The construction of the slope stabilization is anticipated to begin in the winter of 2021.



Fiscal Impact

Short-Term Impact: The professional engineering services agreement is for a not to exceed amount of \$37,850. The project will be funded with the ¼-cent Capital Improvement Program sales tax.

Long-Term Impact: None.

Strategic & Comprehensive Plan Impact

Strategic Plan Impacts:

Primary Impact: 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
n/a	None

Suggested Council Action

Adopt the resolution authorizing the City Manager to execute a Professional Engineering Services Agreement with Crockett Engineering Consultants for design services relating to the Maguire Boulevard Slope Stabilization project.