



Weatherford City Council

AGENDA REPORT

Meeting Date: January 25, 2022

Staff Contact: Chad Marbut, Director of Capital Projects

Item Number: 2022-28-AR

Phone: 817-598-4006

SUBJECT: Consider approval of a professional services contract with Freese and Nichols, Inc for the analysis, study, and on-going monitoring of erosion risks along the Black Warrior Channel drainageway in the amount not to exceed \$115,000.

BACKGROUND/DISCUSSION

This study is a continuation of the erosion stabilization assessments made downstream in the area of Heritage Park and is included in the approved annual budget project list for the Stormwater Utility. The focus of this effort is to identify, assess, and determine the severity of any erosion taking place along Black Warrior Channel in the unstudied area upstream of the Santa Fe Drive bridge, to the culvert crossing at South Main Street. The improved areas through Heritage Park are also included in this scope to ensure the block wall channel, bridge and outfall to Town Creek are performing as expected following their construction in 2019.

Freese and Nichols will perform detailed site assessments of the geomorphic conditions, identify both existing and potential impacts to private and public assets, and develop appropriate conceptual alternatives for any discovered problem areas. Additionally, this contract includes on-going monitoring at specific locations along the channel to validate erosion rate assumptions and highlight any substantial changes.

FINANCIAL IMPACT

Funds are available and budgeted for in the Stormwater Utility Fund

SUGGESTED ACTION

Staff recommends approval

ATTACHMENTS

- [Black Warrior Geomorphic Proposal_Freese and Nichols.pdf](#)