



Department Source: City Utilities - Sewer/Stormwater

To: City Council

From: City Manager & Staff

Council Meeting Date: March 21, 2016

Re: Administrative Public Improvement Project: North Grindstone Stream Stabilization (C43244)

Executive Summary

The North Grindstone Stream Stabilization Project is eligible for the administrative public improvement process. Unless Council wishes to follow the standard public improvement process, staff will proceed with preparing plans and specifications and constructing this project.

Discussion

Under Section 22-72(c) of the City Code, the City Manager is required to report to the City Council any public improvement project that the Manager has determined may be performed by the Administrative Public Improvement Process and which meets the eligibility requirements of that process. Unless Council determines that the project should follow the standard public improvement process, the Manager will proceed with the administrative process.

The North Grindstone Stream Stabilization Project will stabilize a segment of stream bank on the north fork of Grindstone Creek near Rustic Road just east of city limits. A location map is attached. This segment of North Grindstone has eroded horizontally approximately 30 feet in the last 15 years and now threatens to expose a trunk sanitary sewer line. Attached are photos of the stream in this area taken in December, 2014 and October, 2015. There is noticeable difference in the streambank with regard to bank erosion. The sewer line was well away from the creek at the time of construction in 2011. This project will utilize a rip rap rock vane technique for stream stabilization that improves stream habitat more than traditional rock revetments and thus furthers the goals of the Hinkson Creek Collaborative Adaptive Management Project (CAM). The rock vane technique originated as an improved approach to stabilizing salmon and trout streams. A conceptual layout for this project is attached.

Staff is proposing to utilize an existing term and supply contract, previously bid through the Purchasing Division, to construct this project. City staff knowledgeable in rock vane installation techniques will direct the work of the contractor.

The owner on whose property the project will take place alerted staff to the erosion problem. The project is on the sanitary sewer capital improvement projects list. Staff has met with the property owner multiple times to discuss the project and the property owner is agreeable to the proposed work.



Fiscal Impact

Short-Term Impact: The cost of construction is estimated to be \$30,000 which will be paid from Sanitary Sewer Utility funds.

Long-Term Impact: None.

Vision & Strategic Plan Impact

Vision Impacts:

Primary Impact: Community Facilities & Services, Secondary Impact: Environment, Tertiary Impact: Tertiary

Strategic Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Public Safety, Tertiary Impact: Tertiary

Comprehensive Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Environmental Management, Tertiary Impact: Tertiary

Legislative History

Date	Action
None	N/A

Suggested Council Action

No action is required unless Council wishes to direct the City Manager to follow the standard public improvement process.