



Department Source: City Utilities - Sewer/Stormwater

To: City Council

From: City Manager & Staff

Council Meeting Date: October 3, 2016

Re: Bid Call for Upper Merideth Branch Streambank Stabilization Sewer Improvement Project

Executive Summary

Staff has prepared for Council consideration an ordinance authorizing a call for bids through the Purchasing Division for the construction of the Upper Merideth Branch Streambank Stabilization Sewer Improvement Project. An IP meeting was held on August 12, 2014 with seventeen property owners from thirteen properties attending. The Public Hearing was on January 20, 2015.

Discussion

The Upper Merideth Branch Streambank Stabilization Sewer Improvement Project is located in the University Park Addition and Oak cliff subdivisions and follows the upper portion of the Merideth Branch above and below Chapel Hill Road. The location map and specific work area map are attached.

In many locations the sanitary sewer main and laterals have become undermined due to stream channel incision and degradation. Most of the exposed sewer pipes are aerial and subject to debris impacts that can potentially damage the pipes causing raw sewage to enter the creek and creating emergency repair operations. City Sewer crews perform many hours of maintenance on sewer lines in this area due to failures of this nature. The City is also aware of property owners that have replaced their laterals through the creek more than once due to debris damage.

The construction work includes relocating approximately 325 linear feet of sewer pipe and associated manholes out of the drainage channel. Construction also includes replacing 264 linear feet of mostly clay and plastic pipe with ductile iron pipe with some of those being lowered under the channel elevations. Multiple lateral connections will be replaced with the work. In addition, 695 linear feet of rip rap rock toe protection and 19 rip rap rock grade control or stabilization structures will be installed to stabilize the stream or storm pipe outlets in order to protect sanitary sewer infrastructure. There is also a storm water pipe extension of 69 linear feet and some storm water pipe replacement.

Easements have been acquired for this project. All property owners have been compensated for anticipated tree loss. The project will be constructed after a contractor is determined through this call for bids by the Purchasing Division.

Fiscal Impact



City of Columbia

701 East Broadway, Columbia, Missouri 65201

Short-Term Impact: The estimate for this project is \$600,000. Funds have been appropriated from Sanitary Sewer Utility bonds approved in the November 2013 election.

Long-Term Impact: Sewer maintenance cost for upkeep of the sewer will continue but emergency repairs at this location should be significantly reduced.

Vision & Strategic Plan Impact

Vision Impacts:

Primary Impact: Community Facilities & Services, Secondary Impact: Environment, Tertiary Impact: Not Applicable

Strategic Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Operational Excellence, Tertiary Impact: Not Applicable

Comprehensive Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Environmental Management, Tertiary Impact: Not Applicable

Legislative History

Date	Action
01/20/2015	Public Hearing
12/15/2014	Resolution setting a Public Hearing for January 20, 2015.
08/12/2014	Interested Parties Meeting

Suggested Council Action

Authorize a call for bids through the Purchasing Division for the Upper Merideth Streambank Stabilization Sewer Improvement Project.