



Department Source: City Utilities - Sewer/Stormwater

To: City Council

From: City Manager & Staff

Council Meeting Date: May 7, 2018

Re: Bid Call for Henderson Branch Sewer Extension

## Executive Summary

Staff has prepared for Council consideration an ordinance authorizing construction and calling for bids through the Purchasing division for the Henderson Branch Sewer Extension project. An IP meeting was held on February 2, 2016. Public hearings for this project were held on July 5, 2016, October 3, 2016, November 7, 2016 and May 15, 2017.

## Discussion

The design of the Henderson Branch Sewer Extension project includes extending public sewer from the existing Perche Creek Interceptor sewer, located on the west side of Perche Creek, to a point just north and west of the I-70 and US-40 interchange as shown on the attached diagram. Construction includes installing more than 8,600 linear feet of gravity sewer ranging in size from 24"-30" diameter. The sewer could ultimately serve the entire Henderson Branch watershed, which is approximately 1,300 acres, and an additional 800 acres of property adjacent to the watershed. This project plans for future development in the area and reduces potential environmental impacts to the Perche Creek watershed by providing access to public sewer. Existing and future sewage treatment facilities discharging effluent into Henderson Branch have the potential to be eliminated with the option to connect to this system. This project was included as a proposed bond funded project in the ballot issue approved by voters in the November 2013.

Amendment No. 3 to the March 8, 2011 General Cooperative Agreement with Boone County Regional Sewer District stipulates that BCRSD will fund 31.3% of the project cost with a not to exceed of \$628,047.00 for the Henderson Branch Sewer Extension in order to remove their existing wastewater treatment facility, located on Van Horn Tavern Road, and connect to the City sewer. Amendment No 3 established a territorial area governed by the terms of the 2011 Cooperative Agreement.

## Fiscal Impact

**Short-Term Impact:** The total construction cost of the Henderson Branch Sewer Extension is estimated to be \$4,300,000. The Boone County Regional Sewer District will provide funding in the amount of \$628,047.00. \$2,600,000 will be funded from Sewer Bonds and \$1,071,953.00 is available from Sewer Utility enterprise revenue funds.

**Long-Term Impact:** The monthly sewer service charges cover expenses associated with wastewater treatment, routine operation and maintenance and debt expense. Connection fees are based on full capital cost recovery. The capital cost for this project can be recovered as new users are connected to the system over time.



## Strategic & Comprehensive Plan Impact

### Strategic Plan Impacts:

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

### Comprehensive Plan Impacts:

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

## Legislative History

Date	Action
05/15/2017	(PH15-17) Public Hearing
04/17/2017	(R52-17) Resolution setting a Public Hearing for May 15, 2017
11/07/2016	(PH20-16) Public Hearing
10/03/2016	(PH20-16) Public Hearing
07/05/2016	(PH20-16) Public Hearing
06/06/2016	(R60-16) Resolution setting a Public Hearing for July 5, 2016
02/02/2016	Interested Parties Meeting
08/17/2015	(B232-15) Amending the General Cooperative Agreement with Boone County Regional Sewer District
08/03/2015	(R125-15) Engineering Services Agreement with HDR Engineering for the Henderson Branch Sewer Extension Project
03/18/2015	(Ord22383) Authorizing the issuance of Sewerage System Revenue Bonds, Series 2015, in the aggregate principal amount on not to exceed \$20,500.00
03/03/2015	(R11-15A) Authorizing the offering for sale of not to exceed \$20,500.00 principal amount of Sewerage System Revenue Bonds, Series 2015, of the City of Columbia, Missouri.
07/22/2014	(R125-14) Transferring funds to offset expenditures relating to the November 2013 Special Bond Election for sanitary sewer improvements.



# City of Columbia

701 East Broadway, Columbia, Missouri 65201

01/02/2014	(Ord21742) Declaring the results of the Special Election held in the City of Columbia, Missouri on November 5, 2013.
08/05/2013	(Ord21760) Calling a special election on whether to issue the Sewer System Revenue Bonds in the amount of \$32,340,000 for constructing, improving, repairing, rehabilitating, replacing, equipping, expanding, and extending the city-owned sewerage system.
07/01/2013	Pre-Council Meeting – General Obligation Bond Projects – Infrastructure Ballot Presentation
05/20/2013	Pre-Council Meeting – November Storm Water / Sewer Ballot Issue – Sewer Utility Presentation – Storm Sales Tax Presentation
01/01/2007	Public Hearing – Sewer Master Plan
12/04/2006	(R262-06) Setting a Public Hearing to consider adopting the Sewer Utility Master Plan

## Suggested Council Action

Approve the ordinance authorizing construction and calling for bids through the Purchasing division to construct the Henderson Branch Sewer Extension project.