



Department Source: City Utilities - Water and Light

To: City Council

From: City Manager & Staff

Council Meeting Date: September 6, 2016

Re: Public Hearing to consider Gregory Heights Water Main Upgrades.

Executive Summary

Public Hearing concerning the upgrade of aging water distribution infrastructure throughout the Gregory Heights neighborhood. The estimated cost for this improvement is \$325,000 and funding has been appropriated under project number WT0255 of the Capital Improvement Program.

Discussion

The Columbia Water & Light Department has identified the need to upgrade water distribution infrastructure within the Gregory Heights neighborhood near the intersection of Oakland Gravel Road and Prathersville Road. The proposed work will take place in several locations throughout the neighborhood as follows:

- Installation of 250 ft of water main and a fire hydrant on Elaine Dr.
- Replacement of 780 ft of water main and relocation of a fire hydrant on Alan Cir.
- Replacement of 530 ft of water main on Kent Dr.
- Replacement of 740 ft of water main and a fire hydrant on Gregory Dr.
- Replacement of 440 ft of water main on Teresa Dr.

The existing water mains through the project areas consist mostly of 2-inch and 4-inch PVC. These aging water mains are nearing the end of their useful service life and are not sized properly in order to provide a level of fire protection to the residences as defined by city ordinance. The new mains will be constructed of 6-inch PVC piping. The new water mains will provide greater reliability for customer's water supply as well as increase available flow to the area for fire protection purposes. This water main replacement is planned to take place within existing right of way.

All fire hydrants and customers served by the existing mains will be transferred to the upgraded mains at no cost to them. This will allow the existing mains to be retired from service.

This is old Public Water Supply District 1 of Boone County territory that was acquired by Columbia Water & Light in 1995 as an effort to define territorial agreements with surrounding utilities.

As part of the public improvement process staff sent letters to all customers and land owners in the affected areas and held an interested parties meeting on July 14, 2016. At this time, all feedback received from customers and residents has been in support of this water main replacement.



Upon City Council approval of this resolution, plans and specifications will be finalized for construction of the water main replacement project.

Fiscal Impact

Short-Term Impact: Funding of \$325,000 has been appropriated for the Gregory Heights Water Main Replacement under the Capital improvement Program project number WT0255.

Long-Term Impact: None

Vision & Strategic Plan Impact

Vision Impacts:

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

Strategic Plan Impacts:

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

Comprehensive Plan Impacts:

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

Legislative History

Date	Action
	None.

Suggested Council Action

Hold a public hearing to consider Gregory Heights Water Main Upgrades. After the public hearing, approve an ordinance declaring the necessity for Gregory Heights Water Main Upgrades.