



# City of Columbia

701 East Broadway, Columbia, Missouri 65201

Department Source: City Utilities - Water and Light

To: City Council

From: City Manager & Staff

Council Meeting Date: October 18, 2021

Re: Public Hearing – Garth Avenue and Leslie Lane Water Main Replacement

## Executive Summary

This public hearing is for the replacement of water distribution infrastructure along Garth Avenue and Leslie Lane from Texas Avenue to Providence Road. The project location is shown on the attached Location Map. The resolution estimate for this improvement is \$252,000. An interested parties meeting for this project was held on August 24, 2021.

## Discussion

Water and Light staff has identified the need to replace aging water distribution infrastructure along Garth Avenue and Leslie Lane from Texas Avenue to Providence Road.

The existing water mains within the project corridor consist of 6-inch cast iron pipe that was installed in the 1950's and 1960's. These aging water mains are nearing the end of their useful service life and are requiring increased frequency of maintenance. The new water mains will be constructed of 12-inch PVC piping meeting current standards. Staff has identified an opportunity to replace and upgrade the existing infrastructure providing greater reliability to customer's water service while increasing flow to the immediate area and providing a new feed of water to the northern portion of the service area for better reliability and greater flow for fire protection purposes. This project will replace approximately 2025 lineal feet of aging 6-inch cast iron water pipe. This water main replacement is planned to take place within existing right of way. Existing fire hydrants will be replaced and spaced to meet current fire code. Customer's water services will be transferred to the new water main at no cost to them.

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 August 24, 2021. At this time, all feedback received from customers and land owners has been in support of this water main replacement.

The resolution estimate for this project is \$252,000 and funding has previously been appropriated under project number W0297 of the Capital Improvement Program for replacement of the main along Leslie Lane.



## Fiscal Impact

Short-Term Impact: \$252,000 is currently funded in Capital Improvement Program project number W0297.

Long-Term Impact: It is anticipated that this project will reduce necessary maintenance costs.

## Strategic & Comprehensive Plan Impact

### Strategic Plan Impacts:

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

### Comprehensive Plan Impacts:

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

## Legislative History

| Date       | Action  |
|------------|---|
| 10/04/2021 | R154-21: Setting a public hearing: proposed replacement of water distribution infrastructure along portions of Garth Avenue and Leslie Lane |
| 08/24/2021 | Interested Parties Meeting  |

## Suggested Council Action

Direct staff to proceed with the final design for the Garth Avenue and Leslie Lane Water Main Replacement Project.