



Department Source: City Utilities - Water and Light

To: City Council

From: City Manager & Staff

Council Meeting Date: June 7, 2021

Re: Authorizing construction of the Old Highway 63, Gordon Street, and Charles Street Water Main Replacement Project and calling for bids through the Purchasing Division.

## Executive Summary

Staff has prepared for council consideration an ordinance authorizing construction and calling for bids through the Purchasing Division for a water main replacement project along portions of Old Highway 63, Gordon Street, and Charles Street as shown on the attached diagram. The public hearing for this project was conducted on March 1, 2021. The resolution estimate for this improvement is \$300,000 and funding is currently appropriated under Capital Improvement Project W0290.

## Discussion

The Columbia Water & Light Department has identified the need to replace water distribution infrastructure along portions of Old Highway 63, Gordon Street, and Charles Street. The existing water mains within the project corridor consist mostly of 4-inch and 6-inch cast iron pipe. These aging water mains are nearing the end of their useful service life and are requiring increased levels of maintenance. There are existing 12-inch water mains along Old Highway 63 south of McAlester Street and on Business Loop 70. This proposed project will complete a 12-inch water main loop connecting these existing 12-inch mains while replacing aging water distribution infrastructure along the route. The new 12-inch water main will be constructed of PVC piping meeting current standards. The new water mains will provide greater reliability for customer's water supply and increase available flow to the area for fire protection purposes. This water main replacement is planned to take place within existing street right of way. The existing fire hydrants will be replaced and spaced to meet current standards. 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 March 14, 2019 and a public hearing was conducted on March 1, 2021. The resolution estimate for this project is \$300,000 and funding has been appropriated under project number W0290 of the Capital Improvement Program.

## Fiscal Impact

Short-Term Impact: The resolution estimate is \$300,000 and funding has been appropriated under the Capital Improvement Project W0290.

Long-Term Impact: This project will have minimal impact on the water utility's annual operating cost.



# City of Columbia

701 East Broadway, Columbia, Missouri 65201

## Strategic & Comprehensive Plan Impact

### Strategic Plan Impacts:

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

### Comprehensive Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Secondary, Tertiary Impact: Tertiary

## Legislative History

Date	Action
03/01/2021	PH7-21: Proposed replacement of water distribution infrastructure along Old Highway 63, Gordon Street and Charles Street.
02/15/2021	R22-21: Setting a public hearing: proposed replacement of water distribution infrastructure along Old Highway 63, Gordon Street and Charles Street.
03/14/2019	Interested Parties Meeting Held

## Suggested Council Action

Approve the ordinance authorizing construction of the Old Highway 63, Gordon Street, and Charles Street Water Main Replacement Project and calling for bids through the Purchasing Division.