



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: March 1, 2021

Re: Public Hearing - Old Highway 63, Gordon Street, and Charles Street Water Main Replacement

Executive Summary

This public hearing is for the replacement of aging water distribution infrastructure, including the installation of new water main to complete a loop closure, along Old Highway 63, Gordon Street, and Charles Street. The resolution estimate for this improvement project is \$300,000. Funding is already appropriated under Capital Improvement Project W0290.

Discussion

The Utilities Department has identified the need to replace water distribution infrastructure and close a loop along Old Highway 63, Gordon Street, and Charles Street, shown on the attached Exhibit. 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. At this time, all feedback received from customers and residents has been in support of this water main replacement project.

The resolution estimate for this improvement project is \$300,000. Funding has previously been appropriated under project number W0290 of the Capital Improvement Program.

Fiscal Impact

Short-Term Impact: Funding of \$300,000 has been appropriated for this Water Main Replacement Project under the Capital improvement Program project number W0290.



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

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

Suggested Council Action

Direct staff to proceed with the final design for the Old Highway 63, Gordon Street, and Charles Street water main replacement project.