



Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: August 5, 2024

Re: Authorizing a Waterline Replacement Contract with Consolidated Public Water Supply District No. 1 of Boone County, Missouri Relating to the Construction of the Route K and Old Plank Road Intersection Improvement Project.

## Executive Summary

Authorize the City Manager to execute a Waterline Replacement Contract with Consolidated Public Water Supply District No. 1 for the Route K and Old Plank Road Intersection Improvement Project. The improvement includes relocating the waterline on both the east and the south side of the Route K and South Old Plank Road intersection during construction of a roundabout.

## Discussion

The Route K and Old Plank Road Roundabout project will replace and improve the existing intersection of West Route K and West Old Plank Road, located in south Columbia.

This project will include the construction of a single lane, 150-foot diameter roundabout. The roundabout will improve safety by slowing the speed through the intersection and by removing the conflicting turning and left turning movements. The proposed roundabout alignment will remove the skewed angle where Old Plank Road ties in with Route K. The project will also include the construction of 5-foot sidewalks and splitter islands. Finally, a turn-around at the end of the existing Old Plank Road will be constructed to maintain access to the existing properties.

As part of the development of final plans for the project, it was determined that the Consolidated Public Water Supply District No. 1 waterline needs to be relocated to allow for the construction of the roundabout. Bartlett and West Consultants is designing this waterline relocation. The City will include the District's waterline relocation as part of the construction project for the roundabout as outlined in the Waterline Replacement Contract. The project is planned to be bid in January or February of 2025 with construction starting in the spring of 2025.

The estimated total project cost is \$1,790,700 and includes design, easement acquisition, utility relocation, and construction. The project will be funded with the MoDOT Cost Share Partnership Program and the ¼ cent Capital Improvement Program (CIP) sales tax funds. Construction is planned for the summer of 2025.

## Fiscal Impact

Short-Term Impact: The total project estimate is \$1,790,700 and will be funded with the MoDOT Cost Share Program and the ¼ cent Capital Improvement Program (CIP) sales tax.

Long-Term Impact: The roundabout will be maintained by MoDOT.



## Strategic & Comprehensive Plan Impact

### Strategic Plan Impacts:

Primary Impact: Reliable and Sustainable Infrastructure, Secondary Impact: Secondary, Tertiary Impact: Tertiary

### Comprehensive Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Mobility, Connectivity, and Accessibility, Tertiary Impact: Inter-Governmental Cooperation

## Legislative History

Date	Action
06/17/2024	B131-24 Amending Ordinance No. 025620 to correct a scrivener's error as it relates to the legal description associated with the Route K and Old Plank Road roundabout and sidewalk project; authorizing the acquisition of an additional easement.
04/01/2024	B60-24 Authorizing the acquisition of easements for construction of a single-lane roundabout with splitter islands and sidewalk at the intersection of Route K and Old Plank Road.
04/01/2024	B59-24 Authorizing construction of a single-lane roundabout with splitter islands and sidewalk at the intersection of Route K and Old Plank Road; calling for bids through the Purchasing Division.
06/05/2023	PH21-23 Proposed construction of a single-lane roundabout with splitter islands and sidewalk at the intersection of Route K and Old Plank Road.
05/01/2023	R66-23 - Setting a public hearing for the proposed construction of a single-lane roundabout with splitter islands and sidewalk at the intersection of Route K and Old Plank Road.
03/16/2023	Interested Parties Meeting Held
09/06/2022	B232-22 – Authorizing a cost share agreement with the Missouri Highways and Transportation Commission.
04/04/2022	R44-22 –Authorizing application to MoDOT for cost share partnership funding. □

## Suggested Council Action

Authorize the City Manager to execute a Waterline Replacement Contract with Consolidated Public Water Supply District No. 1 for the Route K and Old Plank Road intersection improvement project.