



Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: September 8, 2020

Re: Authorizing a Waterline Replacement Contract with Consolidated Public Water Supply District No. 1 of Boone County, Missouri Relating to the Construction of the Sinclair Road, 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 Sinclair Road, Route K, and Old Plank Road Intersection Improvement project. The improvement includes relocating the waterline along the north side of Route K during construction of a roundabout.

Discussion

This roundabout project will improve long term safety at the Route K/Sinclair Road/Old Plank Road intersection with the construction of a roundabout. Currently, the north leg (Sinclair Road) and the south leg (Old Plank Road) of the intersection are offset from each other. The improvement will align the two legs plus provide other safety features associated with a roundabout, such as slowing the vehicles through the intersection. The roundabout is sized to accommodate large size vehicles and school busses, and will be lighted. Sidewalks will be constructed along the roundabout and will tie into existing sidewalks adjacent to the project. An Interested Parties (IP) meeting was held on May 9, 2019, and the Public Hearing was held on July 1, 2019.

Final plans and specifications are being completed by Burns and McDonnell, the engineering consultant for this project. 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 is currently designing this waterline relocation. The City will include relocating the District's waterline as part of the construction project for the roundabout as outlined in this Waterline Replacement Contract. The project is planned to be bid in January or February of 2021 with construction starting in the spring of 2021. Temporary closures and detours will likely be required during construction.

The total estimated project cost (design, utility relocation, construction) is \$1,246,375. The Missouri Department of Transportation (MoDOT) will fund 50% (not to exceed amount of \$623,187) of the cost through the Cost Share Partnership Funding program, Columbia Public Schools (CPS) will pay a lump sum payment of \$169,723, and the City will be responsible for \$453,465, to be paid from the quarter-cent Capital Improvement Program sales tax.



Fiscal Impact

Short-Term Impact: The total estimated project cost (design, utility relocation, construction) is \$1,246,375. MoDOT will fund 50% (not to exceed amount of \$623,187) of the cost through the Cost Share Partnership Funding program, CPS will pay a lump sum payment of \$169,723, and the City will be responsible for \$453,465, to be paid from the quarter-cent Capital Improvement Program sales tax.

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

Strategic & Comprehensive Plan Impact

Strategic Plan Impacts:

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

Comprehensive Plan Impacts:

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

Legislative History

Date	Action
07/20/2020	B177-20 Authorizing construction of a single-lane roundabout with splitter islands and sidewalk at the intersection of Sinclair Road, Route K, and Old Plank Road; calling for bids through the Purchasing Division.
07/20/2020	B178-20 Authorizing the acquisition of an easement for construction of a single-lane roundabout with splitter islands and sidewalk at the intersection of Sinclair Road, Route K, and Old Plank Road.
07/20/2020	B179-20 Authorizing the City Manager to execute a grant of easement for water utility purposes to Consolidated Public Water Supply District No. 1 of Boone County, Missouri for the relocation of a water line at the intersection of Sinclair Road, Route K and Old Plank Road to facilitate the construction of a roundabout.
07/01/2019	PH29-19 Proposed construction of a single-lane roundabout with splitter islands and sidewalk at the intersection of Sinclair Road, Route K, and Old Plank Road.



City of Columbia

701 East Broadway, Columbia, Missouri 65201

06/03/2019	R80-19 Setting a public hearing: proposed construction of a single-lane roundabout with splitter islands and sidewalk at the intersections of Sinclair Road/Route K/Old Plank Road.
05/09/2019	IP Meeting Held
10/15/2018	R159-18 Authorizing professional engineering services agreement with Burns & McDonnell Engineering Company, Inc. for design and limited construction administration services of the Sinclair Road/Route K/Old Plank Road roundabout improvement project.
07/16/2018	B115-18 Authorizing a cost share agreement with MHTC for the proposed Sinclair Road/Route K/Old Plank Road intersection improvement project, appropriating funds.
07/16/2018	B154-18 Approving the Final Plat of CPS Middle School Subdivision, a major subdivision; accepting the dedication of rights-of-way and easements, authorizing a performance contract.
12/18/2017	R181-17 Authorizing application to the Missouri Department of Transportation for cost share partnership funding for the proposed Sinclair Road/Route K/Old Plank Road intersection improvement project.

Suggested Council Action

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