



Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: March 4, 2019

Re: Waterline Replacement/Relocation Agreement with Consolidated Public Water Supply District No. 1 relating to the Nifong Boulevard Intersections Improvement Project

Executive Summary

Authorize the City Manager to execute a Waterline Replacement/Relocation agreement with Consolidated Public Water Supply District No. 1 relating to the Nifong Boulevard Intersections Improvement project. The waterline improvements include relocating the existing waterline at the Nifong/Sinclair intersection and at the Nifong/Old Mill Creek/Vawter School intersection in order to allow for the construction of a roundabout at each location.

Discussion

The Nifong Boulevard Intersections Improvement project includes construction of a 120-foot diameter single-lane roundabout at the intersection of Nifong Boulevard with Sinclair Road, and at the intersection of Nifong Boulevard with Old Mill Creek Road. The roundabouts are designed such that they can be widened to 150-foot diameter partial dual-lane in the future when Nifong is widened to four lanes. The design includes splitter islands, sidewalks, and street lighting. The roundabouts are designed to accommodate commercial vehicles and school buses. An Interested Parties meeting for the intersections improvement project was held on June 20, 2017, and the public hearing was held on October 16, 2017.

The improvements for these two intersections are being designed by Bartlett and West of Jefferson City, Missouri. As part of the development of final plans for the project, it was determined that the Consolidated Public Water Supply District No. 1 waterline needed to be relocated to allow for construction of the roundabouts. Bartlett and West are also designing the waterline relocation. The City will include relocating the District's waterline as part of the construction project for each of the intersection improvements as outlined in the Waterline Replacement/Relocation agreement.

The total estimated project cost for both roundabouts is \$2,573,000, and will be funded with the 0.25% Capital Improvement Sales Tax. Construction is planned to begin during the summer of 2019 for the construction of the Nifong and Old Mill Creek roundabout. Any lane closures for construction of the Nifong and Sinclair roundabout is planned for the summer of 2020.

Fiscal Impact

Short-Term Impact: The estimated total project cost for the proposed improvements for both intersections is \$2,573,000 (design, right of way, utilities, and construction). Funding for the project will be from the 0.25% Capital Improvement Sales Tax.



City of Columbia

701 East Broadway, Columbia, Missouri 65201

Long-Term Impact: Routine maintenance for each roundabout is estimated at \$2,000 per year.

Strategic & Comprehensive Plan Impact

Strategic Plan Impacts:

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

Comprehensive Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Mobility, Connectivity, and Accessibility, Tertiary Impact: Tertiary

Legislative History

Date	Action
11/05/2018	B261-18-Authorize the acquisition of easements for the construction of two (2) roundabouts on Nifong Boulevard at the intersections of Nifong Boulevard and Sinclair Road and Nifong Boulevard/Vawter School Road and Old Mill Creek Road/Country Woods Road.
11/05/2018	B260-18-Authorize a bid call through the Purchasing division for the construction of two (2) roundabouts on Nifong Boulevard at the intersections of Nifong Boulevard and Sinclair Road and Nifong Boulevard/Vawter School Road and Old Mill Creek Road/Country Woods Road
10/01/2018	R154-18 Amendment 2 to the professional engineering services agreement with Bartlett and West
12/18/2017	R118-17 Amendment 1 to the professional engineering services agreement with Bartlett and West
10/16/2017	PH 34-17 Public Hearing held for the proposed construction of a 120-foot diameter single-lane roundabout at the intersections of Nifong Blvd and Sinclair Rd and Nifong Blvd/Vawter School Rd and Old Mill Creek Rd/Country Woods Rd
09/18/2017	R128-17 Setting a public hearing for the proposed construction of a 120-foot diameter single-lane roundabout at the intersections of Nifong Blvd and Sinclair Rd and Nifong Blvd/Vawter School Rd and Old Mill Creek Rd/Country Woods Rd



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06/20/2017	Interested Parties Meeting held
06/06/2016	R67-16 Authorize an agreement for professional engineering services with Bartlett & West, Inc. for Phase 1 design services relating to the Nifong Blvd/Sinclair Rd and the Vawter School Rd/Old Mill Creek Rd intersections improvement project.

Suggested Council Action

Authorize the City Manager to execute a Waterline Replacement/Relocation agreement with Consolidated Public Water Supply District No. 1 relating to the Nifong Boulevard Intersections Improvement project.