



Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: July 15, 2019

Re: Electric Distribution Line Relocation Agreement with Boone Electric Cooperative for the Nifong Boulevard Intersections Improvement Project

Executive Summary

Authorize the City Manager to execute an Electric Distribution Line Relocation agreement with Boone Electric Cooperative for the Nifong Boulevard Intersections Improvement project. The improvements include relocating the existing electric distribution line at the Nifong Boulevard/Vawter School Road and Old Mill Creek/Country Woods Road intersection to allow for the construction of a roundabout.

Discussion

The Nifong Boulevard Intersections Improvement project includes constructing two (2) 120-foot diameter single-lane roundabouts at the intersections of Nifong Boulevard and Sinclair Road, and Nifong Boulevard/Vawter School Road and Old Mill Creek Road/Country Woods Road. The roundabouts are designed so they can be widened to 150-foot diameter partial dual-lane roundabouts in the future when Nifong Boulevard is widened to four lanes. The design includes splitter islands, sidewalks, and street lighting.

As part of the development of the project's final plans, it was determined that Boone Electric Cooperative will need to relocate an existing electric distribution facility that is currently located in a private easement at the Nifong Boulevard/Vawter School Road and Old Mill Creek Road/Country Woods Road intersection. The cost for the relocation is \$92,050. Construction is planned to begin on this intersection during the winter or spring of 2020.

Fiscal Impact

Short-Term Impact: The cost for the electric distribution line relocation is \$92,050 and is included in the total estimated cost of \$2,573,000 for the entire intersections improvement project. This cost includes design, right of way, utilities, and construction, and will be paid from the 0.25% Capital Improvement Sales Tax.

Long-Term Impact: Routine maintenance for each roundabout is estimated at \$2,000/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
03/18/2019	B57-19 Authorizing a contract with Consolidated Public Water Supply District No. 1 for relocation of water lines relating to the Nifong Blvd/Sinclair Rd and Vawter School Rd/Old Mill Creek Rd intersections improvement projects
11/05/2018	B260-18 Authorizing a bid call to construct two roundabouts on Nifong Blvd at intersections of Nifong Blvd and Sinclair Rd and Nifong Blvd/Vawter School Road and Old Mill Creek Rd/Country Woods Rd
11/05/2018	B261-18 Acquiring easements for construction of two roundabouts on Nifong Blvd at the intersections of Nifong Blvd and Sinclair Rd and Nifong Blvd/Vawter School Rd and Old Mill Creek Rd/Country Woods Rd
10/1/2018	R154-18 Amendment 2 to the professional engineering services agreement with Bartlett and West
12/18/2017	R180-17 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 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
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 an Electric Distribution Line Relocation agreement with Boone Electric Cooperative for the Nifong Boulevard Intersections Improvement project.