



Date: February 3, 2015

To: Thomas J. Bonfield, City Manager

Through: W. Bowman Ferguson, Deputy City Manager

From: Marvin G. Williams, Director of Public Works

Subject: Utility Relocation for NCDOT Alston Ave Bridge No. 93 Replacement

Executive Summary

The North Carolina Department of Transportation (NCDOT) has prepared and adopted plans to replace Alston Avenue Bridge No. 93 over Rocky Creek located just south of where Alston Avenue splits off NC 55 near North Carolina Central University (NCCU). See Attachment B for a location map of the project. The project will require the relocation of existing City of Durham (City) water and sewer utilities that are within the project boundaries. The financial responsibility for the cost of design and relocation of these utilities are the City's; as outlined in the attached Design Build Utility Agreement (Attachment A). The relocation work will be performed by the contractor hired by the NCDOT for this project. The City will reimburse the NCDOT for the cost of the utility design and relocation work. The cost responsibilities for this work are defined in the Design Build Utility Agreement.

Recommendation

The administration recommends that the City Council:

1. Authorize the City Manager to execute a Design Build Utility Agreement with NCDOT for the reimbursement of relocation costs for water and sewer utilities associated with replacement of Alston Avenue Bridge No. 93 Road for an estimated cost of \$240,000.00; and,
2. Establish a contingency fund in the amount of \$24,000.00 for costs that may exceed the estimate, so long as the total reimbursement does not exceed \$264,000.00.

Background

NCDOT proposes to replace Bridge No. 93 on Alston Avenue. The bridge has reached the end of its useful life. City utilities are located adjacent to the bridge and will be relocated as a part of the work. During the bridge replacement a detour will be in place for the life of the project.

Issues/Analysis

The project will require the relocation and adjustment of City utilities located within NCDOT right-of-ways. The related costs, terms and conditions for the utility relocation are covered in the NCDOT Design Build Utility Agreement.

Alternatives

The Council can choose to not authorize the Manager to approve the Design Build Utility Agreement in which case the proposed NCDOT project will be delayed until City forces can relocate the utilities.

Financial Impact

The estimated cost to reimburse NCDOT for the water and sewer utility relocations is \$264,000.00 for WBS 17BP.5.R.46 Alston Avenue Bridge No. 93. There are currently funds available for this agreement in the Water and Sewer Extensions & Improvements accounts.

Water Extension & Improvement Fund	4100P002-731000-P0AB7	\$90,000.00
Sewer Extension & Improvement Fund	4100P007-731000-P2647	\$150,000.00
Sewer Extension & Improvement Contingency	4100P007-731900-P2647	\$24,000.00
	Total	\$264,000.00

SDBE Requirements

This section does not apply as NCDOT municipal agreements require that NCDOT contracting procedures are followed.