



Date: July 8, 2014

To: Thomas J. Bonfield, City Manager

Through: W. Bowman Ferguson, Deputy City Manager

From: Marvin G. Williams, Director of Public Works

Subject: WBS 41731 NCDOT Roundabout at Herndon, Barbee and Massey Chapel

Executive Summary

The North Carolina Department of Transportation (NCDOT) has prepared and adopted plans to construct a Roundabout at the intersection of Herndon Road, Barbee Road and Massey Chapel Road under Project WBS 41731. See Attachment B for a map of the project. The project will require the relocation of existing City of Durham water utilities that are within the project boundaries and that are the City's financial responsibility for the cost of relocation. The relocation work will be performed by the contractor for NCDOT. The City will reimburse NCDOT for the cost of the utility relocation work. The cost responsibilities for this work are defined in the Utility Agreement (Attachment A).

Recommendation

The Public Works Department recommends that the City Council authorize the City Manager to execute a Utility Agreement with NCDOT for the relocation of water utilities associated with construction of the roundabout at the intersection of Herndon Road, Barbee Road and Massey Chapel Road under Project WBS 41731, authorize the expenditure of \$155,000.00 from the Water Extensions and Improvements Account, and establish a contingency fund in the amount of \$15,500.00 (10%). The total expenditure of utility funds is \$170,500.00.

Background

NCDOT proposes to make safety improvements at the intersection of Herndon Road, Barbee Road and Massey Chapel Road. Improvements will include the construction of a roundabout to improve traffic operations. Right of way acquisition will be required for this project for which the NCDOT is responsible.

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 Utility Agreement.

Alternatives

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

Financial Impact

The cost to reimburse NCDOT for the water utility relocations and betterments is \$170,500.00 for WBS 41731. There are currently funds available for this agreement in the Water Extensions and Improvements account.

Water Extension Improvement Fund	4100P007-731000-P0AB5	\$155,000.00
Water Extension Improvement Contingency	4100P007-731900-P0AB5	\$15,500.00
	Total	\$170,500.00

SDBE Requirements

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