



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: NCDOT Construction Agreement to Repave Guess Road

Executive Summary

The North Carolina Department of Transportation (NCDOT) has prepared and adopted plans to repave the state maintained section of Guess Road. NCDOT has agreed to extend their repaving operation to encompass the City maintained section of Guess Road from Broad Street south to E. Club Blvd. This will allow the City to take advantage of the cost savings NCDOT gains from their large scope repaving project. See Attachment B for a location map of the project. The repaving will be performed by the contractor hired by NCDOT, and the City will reimburse NCDOT once the work is complete. The cost responsibilities for this work are defined in the Construction Agreement (Attachment A).

Recommendation

The administration recommends that the City Council authorize the City Manager to execute a Construction Agreement with NCDOT for the repaving of Guess Road from Broad Street south to W. Club Blvd. under Project WBS 5CR.20321.28; authorize the expenditure of \$195,000.00 from the CIP Street Paving account; and establish a contingency fund in the amount of \$19,500.00 from the CIP Street Paving account (10%). The total expenditure of Street Paving funds is \$214,500.00.

Background

NCDOT proposes to repave various streets throughout Durham City/County with their Spring 2015 repaving program. Realizing there could be continuities and cost savings by extending the Guess Road paving through the City maintained limits, Public Works requested NCDOT continue their paving efforts to encompass the section of Guess Road from Broad Street south to W. Club Blvd. Public Works had already made plans to pave this section of Guess Road due to its condition.

Based on the 2012 Pavement Condition Index (PCI) Study, Guess Road has an average PCI of 43 out of a possible 100 points. The roadway exhibits multiple types of pavement distress throughout, including cracking, weathering, and potholes. Guess Road is designated as a minor arterial route, which is the second highest roadway class in the City behind the principle arterial designation. Guess Road was also identified as a candidate for the City's 2014 repaving contract, but that work was delayed to allow the Transportation Department to engage the local community in consideration of a possible road diet.

Issues/Analysis

The repaving of Guess Road by NCDOT will provide savings to the City since NCDOT will receive more favorable pricing with their large scope. This cost savings will ultimately extend the City's repaving dollars to allow more work to be accomplished within the City's

limits. The related costs, terms and conditions for the repaving are covered in the NCDOT Construction Agreement.

Alternatives

The Council can choose to not authorize the Manager to approve the Construction Agreement in which case the City will repave Guess Road at an anticipated higher cost.

Financial Impact

The estimated cost to reimburse NCDOT for the repaving of Guess Road (from Broad Street South to W. Club Blvd.) is \$214,500.00; EBS Element 5CR.20321.28 Traffic – DOT Construction Agreement. There are currently funds available for this agreement in the CIP Street Paving account.

CIP Street Paving & Maintenance

Construction	3606L010-731000-LE951	\$195,000.00
Contingency	3606L010-731900-LE951	\$19,500.00
	Total	\$214,500.00

SDBE Requirements

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