



July 10, 2014

TO: David Parrish – Assistant City Manager

FROM: Ted Partrick – Engineering Manager, Engineering & Inspections Department

SUBJECT: Florida Street and Randolph Avenue Roadway
and Sidewalk Improvements C-5511
Contract 2009-087
Change Order #1

Summary

Contract 2009-087 has an additional cost that will require approval of a contract change order by City Council. An agenda memo has been prepared for the July 15, 2014, Council meeting as a change order for \$75,491. The change order is to pay for the replacement of poor subgrade soil, add traffic loops, and adjust for the quantity and cost of asphalt.

Background

The contract work consists of the widening of Florida Street at Randolph Avenue to install left turn lanes and replace the sidewalks around the intersection. The contract was awarded by the City Manager's Office to the Sharpe Brothers Division of Vecellio & Grogan, Inc., on January 24, 2014, in the amount of \$231,012.29. The contractor used DBE participation of 6.1% on the project, exceeding the goal set by the NCDOT of 5%. Construction started on March 12, 2014, and is scheduled for completion by July 31.

The contract change order is the result of three factors. First, a spring was discovered under the project and required extensive excavation and new fill under the new roadway and sidewalks. Soil borings would have detected the soil issues, but they are not cost effective on such a small contract and were not requested by the Department. The cost of the excavation and fill would be inevitable with the scope of the project. Second, the quantity of asphalt required for the pavement repairs is greater than estimated in the contract. Third, vehicle detection loops for the traffic signals at the intersection were added to the contract after the work began. By adding the detection loops to this contract instead of installation by the Transportation Department, the loops were added to the expenses that NCDOT will reimburse at 80%.

The additional cost to City funds will be \$15,098 (20% of \$75,491). The cost of the project is 80% reimbursed from the Federal Highway Administration's CMAQ (Congestion Mitigation and Air Quality) program. That program is administered by the NCDOT for local projects.

THP