



**Date:** September 17, 2019

**To:** Thomas J. Bonfield, City Manager  
**Through:** W. Bowman Ferguson, Deputy City Manager  
**From:** Marvin G. Williams, Director of Public Works  
**Subject:** Contract Amendment to Contract SW-44D with SEPI Engineering & Construction Inc. for Professional Services for Additional Design Services for SW-44D, Carpenter Fletcher Road Bike and Pedestrian Facilities Project

**Executive Summary**

This contract amendment is required for additional design for the federally funded SW-44D Carpenter Fletcher Road Bike and Pedestrian Facilities Project (Attachment A). Additional engineering services are needed to design a culvert replacement and sanitary sewer relocations as required by field evaluations and subsurface location work.

**Recommendation**

The Administration recommends that the City Council authorize the City Manager to execute Contract Amendment No. 1 for SW-44D, Carpenter Fletcher Road Bike and Pedestrian Facilities Project with SEPI Engineering & Construction Inc. in the amount of \$81,243.87; and authorize change orders to the contract so long as the total contract does not exceed \$571,094.78.

**Background**

The Public Works Department entered into a contract with SEPI Engineering & Construction Inc. (SEPI) on August 7, 2017 for the professional services for engineering, public involvement, environmental permits, and signal design for the construction of approximately 4,000 LF of new sidewalk and bike lanes along Carpenter Fletcher Road from Woodcroft Parkway to South Alston Avenue. This project is federally funded. The 2006 Durham Walks! Pedestrian Plan and Comprehensive Bicycle Transportation Plan identified the need for this project. The original design contract was for \$489,850.91. This contract amendment will increase the total contract amount by \$81,243.87 for design professional services for a total of \$571,094.78. This amendment for additional design professional services is required because it was originally anticipated that three large culverts across Carpenter Fletcher would not need to be replaced; however, it was determined during design that the culverts needed to be replaced due to poor condition and capacity issues. Additionally, following extensive subsurface location work the design of sanitary sewer relocations are required due to conflicts with proposed storm drainage.

**Issues/Analysis**

Execution of this contract will allow the project design to proceed in a timely fashion. The design is scheduled to be complete by January of 2020, real estate acquisition to be complete by May 2021, and construction scheduled to begin in December 2021.

**Alternatives**

City Council can choose to not proceed with this contract and redirect the funding to other projects; however, the bike and pedestrian design contract will not be able to be completed and consequently the real estate acquisition will not be able to proceed.

**Financial Impact**

This project is funded from the Surface Transportation Program-Direct Attributable (STP-DA) funds. The City is eligible for reimbursement for 80% of cost with 20% local match. Funds for this project are budgeted for in the following CIP accounts:

CIP Transportation Federal-State Match:	3612LG00-731002-LCC86	\$81,243.87
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**UBE Summary**

This is a federally-funded project that was not reviewed for compliance with the Ordinance to Promote Equal Business Opportunities in City Contracting. It is noted that SEPI Engineering is a certified WUBE firm.

**Attachments**

Attachment A, Contract Amendment