

## City Council – Action Request Form

**Date:** May 11, 2020

**To:** Mayor, Mayor Pro Tempore and Members of the City Council

**From:** Damon Dequenne, Assistant City Manager  
Toneq' McCullough, Director of Transportation

**Council Action Requested:**

Consideration of Items Related to the Old Salem Infrastructure Improvement Project:

- a) Resolution Authorizing the City Manager to Approve a Change Order with Stantec Consulting Services, Inc. for Additional Professional Engineering Services and Construction Management Services;
- b) Project Budget Ordinance Amendment to Appropriate Funds for Project Expenditures

**Strategic Focus Area:** Quality Transportation

**Strategic Objective:** No

**Strategic Plan Action Item:** No

**Key Work Item:** Yes



**Summary of Information:**

On February 16, 2015, Council approved a Professional Engineering Services Contract with Stantec Consulting Services, Inc. for assistance with the Old Salem Bond Project. This contract included professional engineering services for planning, engineering design and project oversight. Tasks included conducting public involvement meetings, project coordination with the Forsyth County Historic Resources Commission (HRC) for a Certificate of Appropriateness (COA) and the production of design plans for the construction of this project. The original contract for \$170,000 was executed April 14, 2015.

Since the original design contract was executed, the Old Salem project scope has been modified to include changing conditions and expectations. City Council and the Utilities Commission have approved funding for additional design and construction administration services. To date, the total contract amount is \$1,465,673.00 and includes the following additional services:

**Committee Action:**

<b>Committee</b>	Finance 5/11/2020	<b>Action</b>	Approval
<b>For</b>	Unanimous	<b>Against</b>	

**Remarks:**

- Electrical design for street lighting,
- Installation of a Klingstone sidewalk test application,
- Revisions to the HRC COA documentation to include the final designs and bidding services,
- Construction administration and observation services due to the many historically significant elements of the project, review and approval of mock-up installations, traffic control issues and coordination with stakeholders, the public and utility owners during construction,
- Analysis of the existing stormwater infrastructure which included CCTV inspection of existing lines, system capacity analysis, preparation of design plans for proposed stormwater improvements in coordination with other infrastructure improvement elements,
- Coordination with the Historic Resource Commission Staff for stormwater plan changes,
- Preparation of engineer's estimate of probable cost, bidding services, and survey and map preparation for required utility easements,
- Analysis of the existing water and sewer infrastructure including the engineering design for a new water and sewer system in coordination with the other infrastructure improvement elements, overlaying and drafting one set of plans that can be used for permitting,
- Construction materials testing and geotechnical exploration services for the project which includes rock and soil test borings and compaction or material testing, and
- Construction Administration and Full-time observation for the contract duration.

During the construction, there have been several unforeseen issues that require additional professional design and services. Additional services include; seismic survey coordination, additional ADA curb ramp and sidewalk design, design of the relocation of the stormwater system to avoid undocumented buried historic trolley tracks, assessment and coordination for hazardous material environmental remediation for storm sewer installation, and several construction meetings including on-site investigations to resolve issues related to the construction of the new infrastructure.

In addition to the professional services listed above, Stantec also provides the day-to-day construction administration and observation. Given the additional work listed above, the completion date for the project is now May 30, 2021. The funding for the additional design and professional services needed to cover the aforementioned services and construction administration through the completion date is split as follows: Section One – Streetlight, Tree and Sidewalk Improvements for \$65,730, Section Two – Stormwater Improvements for \$132,980. The total requested change order to the Old Salem Infrastructure Design project is \$198,710.