

STAFF REPORT



SUBJECT: Brick Street Reconstruction Design – Professional Services Proposal
MEETING: Committee Meeting – 15 Nov 2022
DEPARTMENT: Public Works
STAFF CONTACT: Nick Williams

RECOMMENDATION:

Staff recommends entering into a professional services agreement with Jacob and Martin, LLC. for the design of the brick street reconstruction project on College Street from Belknap Avenue to Barton Avenue.

BACKGROUND:

In 2021, the 100 block of Graham Avenue on the east side of the courthouse was repaved with historic Thurber brick. Implementation of a brick street project was recently discussed again by council for the downtown area. The original Thurber brick paving on College Street from Belknap Avenue to Barton Avenue was overlaid with asphalt in the past.

Preliminary design of brick pavement improvements on College Street and Belknap Avenue, on the south and west sides respectively adjacent to the courthouse, including roadway and ADA sidewalk improvements, as well as the replacement of existing cast iron water lines and clay sewer lines, has been completed by Jacob and Martin. Final design is anticipated to be completed in December 2022. Construction of one or both blocks, if authorized by City Council, is expected to be completed in 2023.

PROPOSAL:

The proposed scope of work in the professional services agreement provides detailed plans and specifications for the design of brick pavement improvements on College Street from Belknap Avenue to Barton Avenue, including roadway and ADA sidewalk improvements, as well as the replacement of existing cast iron water lines and clay sewer lines. Additionally, the agreement provides for materials testing (density and concrete) during the construction phase of the project.

The agreement provides for the design work to be completed within a five (5) month timeframe and provides a liquidated damages clause should the design not be completed on schedule.

Enclosed is an exhibit identifying the location of the proposed design work. A copy of the proposal is also attached.

FISCAL IMPACT SUMMARY:

The agreement proposes to prepare contract documents including construction drawings, specifications, design layout, surveying, geotechnical work, as well as materials testing for a not-to-exceed sum of \$96,000.

Due to the full demolition and reconstruction of the pavement, including ADA accommodations, utility replacement, and drainage design, the opinion of probable construction cost is between \$900k and \$1 million.

The construction, if approved, is conservatively anticipated to take nine (9) months to complete to best coordinate with downtown businesses, events, and traffic.

Funds for the design cost would be allocated from the FY22-23 annual Pavement Maintenance Budget. Construction funds were not specifically accounted for in the FY22-23 budget for this capital project. A water main break which occurred during the recent construction of Atmos Energy's gas infrastructure improvements has accelerated the need for reconstruction of College from Columbia Avenue to Barton Avenue. Staff is currently coordinating with Atmos Energy on a cost share agreement for the brick pavement improvements.

ALTERNATIVES:

The following alternatives are provided for consideration:

1. Do not recommend approval of the professional services agreement as presented or
2. Recommend an alternate scope of work.

ADVANTAGES:

1. Recommending approval allows the design work to commence immediately.
2. Construction phase work requires written pre-approval.

DISADVANTAGES:

1. Funding has not been specifically identified for this project.

ATTACHMENTS:

[Brick Street Reconstruction Project – Professional Services Agreement – 2022_10-28](#)

