

**Meeting Date** (?) 09/27/2016

**Subject Matter**\* (?) Amendment 3 to South College Improvements Design Contract  
This must match rolling agenda entry

**Department of Origin**\* ENGINEERING DEVELOPMENT

**Submitted By**\* W. Paul Kaspar

**Type of Meeting**\*  BCD  Special  Regular

**Classification**\*  Public Hearing  Consent  Statutory  Regular

**Ordinance**\*  None  First Read  Second Read  First & Only Read

**Strategic Initiative**\*  Public Safety  Service  
 Economic Development  Infrastructure  
 Quality of Life

**Agenda Item Description**\* Consider approving amendment 3 to the Binkley & Barfield Inc. design contract for the not to exceed amount of \$189,000 for South College Road Reconstruction (Villa Maria Road to Sulphur Springs Road) City Project Number 332-411-425-611-D3-1514, and South College Avenue Sidewalks (Villa Maria Road to Inlow Boulevard) City Project Number 350-D8-1515.

**Summary Statement**\* The design services contract for improvements to South College Avenue has been underway for six (6) months and is approximately 60% complete and right-of-way (ROW) and easement actions are ongoing. The design contract was approved by the City Council on November 24, 2015, along with an associated reimbursement resolution for the \$689,961.25 design contract value. Additionally, on April 12, 2016, another reimbursement resolution was approved for the local match for the Advanced Funding Agreement (AFA) with the Texas Department of Transportation (TXDOT) in the amount of \$922,680. The adopted CIP program included planned bond funding in 2018 for the South College Avenue projects; however, the 2018 bonds have not been sold yet so bond funding is not currently available. To keep the project on a very tight schedule (required to meet TXDOT Transportation Alternative Program (TAP) sidewalk project), staff requested the approval of another reimbursement resolution against 2018 bond funds to fund additional design and right-of-way acquisition work until 2018 bond funds become available. This request was approved by the City Council on August 16, 2016, and included the estimated funding for this design amendment 3 (as addressed by this Council Action Form).

Design Amendment 3 (Attachment A): This amendment will provide for the detailed design effort required to relocate existing overhead pole mounted lines, underground gas, and on ground facilities based on a preliminary design alignment and cross-sections that were recently completed by the design consultant. This design effort details the underground placement within the right-of-way of the overhead pole-mounted utilities other than the BTU power lines, which is being designed under a separate contract. This detail will include conduits, pull boxes, pedestal foundations, and other underground or ground located infrastructure required to relocate the overhead lines and connect service to the end user. Conversion of overhead service to underground for each building along South College is included with this design effort and will be reflected in the final scope of the construction project. The relocation of the lines including any required equipment will be performed by the utility service provider at their expense.

The City of Bryan has notified the utility service providers of the requirement to relocate to underground locations as a consequence of removing the utility poles in support of the South College Avenue Sidewalk and lighting project. They have agreed in concept to pay for the cost of relocation of the lines while the City is including the design cost for relocation infrastructure in the project design as specified in amendment 3. The most efficient and economical approach to complete the reconstruction of South College Avenue, including the overhead utility conversion, was to include all work into a single contract for which each party will contribute their share of the construction cost. This approach also should result in reducing the duration of the construction and reducing the impact to citizens and businesses. Binkley & Barfield Inc. (BBI), the consultant working on the South College Avenue project, just completed the preliminary design layout and conceptual cost estimate, which will allow the City of Bryan to complete the agreements with the utility service providers for payment of the cost associated with their share of the utility relocation cost. The intent is to have agreements in place to ensure payment of the utility relocation cost before the South College Avenue Reconstruction contract is brought before the City Council for approval in February 2017.

The preliminary cost estimate for non-electrical overhead utility conversion is \$2,165,480.85. The negotiated fee for the detailed design cost for amendment 3 is \$189,000, which is 8.7% of the estimated construction cost. If the initial coordination and preliminary design cost of \$48,500 is included, the total fee is \$237,500 or 11% of the estimated construction cost. This fee is

included, the total fee is \$207,000 or 11.7% of the estimated construction cost. This fee is reasonable and meets target negotiating objectives especially considering the significant coordination effort required with private utility providers by BBI. This amendment cost of \$189,000 also is less than the approved reimbursement (Resolution No. 3671) design contract amendment 3 fee estimate of \$225,000.

This project is currently in the adopted 5 Year CIP Program for FY2018 bond funding. The budgeted amount for the project is \$4,950,000 (\$650,000 for design and \$4,300,000 for construction). However, the City of Bryan was identified as the recipient of a TAP Grant of \$1,872,104 to be applied toward the construction of the sidewalks and other pedestrian and cyclist improvements. The City also will receive funding from the Brazos Transit District in the amount of \$350,000 to be applied towards the design of the project to offset costs to the City of Bryan. The original design contract was \$689,961.25. Design amendment 1 was added to develop conceptual design and cost for underground utilities for \$48,500 and design amendment 2 added a new signal at Old College Road and added streetscape features at that intersection for \$16,500. This 3rd design amendment, related to the relocation of overhead utilities to underground locations, is \$189,000. Amendment 3 is a 20% increase to the original design contract and brings the total revised design cost to \$943,961.25, representing a 36.8% increase. The \$943,961.25 is still below the \$1,000,000 available for design (\$650,000 from COB bonds and \$350,000 from Brazos Transit District).

As a reminder about the scope of the projects, South College Avenue from University Drive to Sulphur Springs Drive is Texas SPUR 308, while the section between Sulphur Springs Drive to downtown Bryan is a City of Bryan roadway. South College Avenue is listed as a Minor Arterial on the Thoroughfare Plan and provides an alternative north and south route in lieu of Texas Avenue or Finfeather Road. It also provides direct access from Texas A&M University to downtown Bryan. Additionally, pedestrian and cycle travel ways are non-existent, undersized, or degraded. This project is currently included in the adopted CIP program and began design in 2016 and construction is slated for 2018. Additionally, the sidewalks, cycling, and shared use improvements were identified for TXDOT funding under the Transportation Alternatives Program (TAP).

One project will reconstruct South College Avenue from Sulphur Springs Road to Villa Maria Road (Attachment B). Approximately 1,100 LF of roadway will be reconstructed with a 4-lane concrete roadway with turn lanes with brick pavers as flush medians for most of this roadway segment except the first block from Villa Maria Road where a raised median will be constructed. The scope includes full-depth reconstruction with curb, gutter, drainage, and driveway modifications, as required and as discussed and coordinated with property owners. The scope also includes the replacement, realignment, and installation of water and sewer lines along the roadway, as required. Finally, there will be a new traffic signal system installed at the Sulphur Springs Road intersection and pedestrian pole enhancements at the North Avenue and Old College Road intersections with South College Avenue in preparation for future signal pole replacements.

The second project (Attachment C) includes the construction of sidewalks, shared use pathways, bicycle routes, and signage along South College Avenue from Villa Maria Road to Inlow Boulevard (Hensel Park). This project overlaps the street reconstruction project previously discussed, but this portion of the project is covered by TAP funding and therefore is being identified as a separate project with a unique project code. This project includes installation of a 12-foot wide shared use path along the east side of South College Avenue from the City limits at Hensel Park to Brookside Drive, and 6-foot wide sidewalks will be installed along both sides of South College Avenue from Brookside Drive to Villa Maria Road. A short section of 12-foot wide shared use path also will be installed on South College Avenue between Ehlinger Drive and Sulphur Springs Road to facilitate a bike route connection to Wellborn Road via Ehlinger Drive and Tee Drive. This section will be part of a bike route that will take cyclist from Wellborn Road over to Cavitt Avenue. Finally, a bicycle route will be delineated and signage installed along Cavitt Avenue from Brookside Drive to Villa Maria Road.

The City project is scheduled to bid in February 2017 with project completion planned for March 2018. The TXDOT sidewalk project is scheduled to bid in August 2017 with completion planned for August 2018. Staff recommends approval of design amendment 3 to the BBI design contract for the not to exceed amount of \$189,000, which will allow the design effort to remain on schedule and to meet milestones for overhead utility line relocation, obligation of the TAP Grant funding, and to meet the aforementioned schedule milestones.

Staff recommends and respectfully requests the City Council approve amendment 3 to the Binkley & Barfield Inc. design contract for the not to exceed amount of \$189,000 funded under the reimbursement Resolution No. 3671. This approval will allow the South College Avenue projects to remain on schedule.

**Staff Analysis & Recommendation\***

**Options\***

(In Suggested Order of Staff Preference)

1. Approve the amendment
2. Do not approve the amendment

**Funding Source\***

General Fund \$189,000 - to be reimbursed by future bonds.

**Attachments**

Attachments.pdf

2.81MB

Please detail attachments and note attachments available for viewing in City Secretary's Office:

- A) Proposed Design Contract Amendment 3
- B) South College Reconstruction - Villa Maria to Sulphur Springs Project Location Map
- C) South College Sidewalks - Villa Maria to Inlow Blvd. Location Map

**Dept. Head Signature**

JAYSON E. PARFENROCH 07/12/16

**Deputy City Manager  
Signature**

*Hugh R. Walker*

**City Manager Signature**



**City Attorney Signature**

*Janis K. Hampton*