

**Meeting Date** (?) 12/06/2016

**Subject Matter**\* (?) Design Contract Amendment 2 - Old Heame Road Ph 1  
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  Economic Development  Service  Infrastructure  
 Quality of Life

**Agenda Item Description**\* Amendment No. 2 to the Design Services Contract for the Old Heame Road Phase 1 Project, City Project Number 332-411-425-611-DE-1506, to Jones & Carter, Inc. for the not to exceed amount of \$40,000.

**Summary Statement\***

This amendment to the design services contract with Jones & Carter, Inc. will expand the scope of the project to include right-of-way survey and staking for land acquisition and traffic calming on the reconstructed Old Hearne Road.

The Old Hearne Road Phase 1 Project is listed in the City's approved Capital Improvement Program (CIP) for Fiscal Years 2014-2018. It is shown to be funded for design and right-of-way acquisition in Fiscal Year 2016 with future plans for construction funding in FY2020. In previous CIP discussions with the City Council, it was decided to accelerate the design to start in 2015 with hopes the construction funding could occur earlier as well, if all of the right-of-way is acquired in a timely manner.

The roadway is listed as a collector on the Thoroughfare Plan and serves significant vehicular and pedestrian travel through the area. It provides a direct connection between Bonham and Navarro school campuses as well as access to local shopping. Currently there are no sidewalks along this section of Old Hearne Road and the roadway is two lanes without shoulders or turn lanes. The project will significantly enhance the safety and travel efficiency of this section of Old Hearne Road and will complement the work under design with similar improvements along Wilkes Street and Old Hearne Road to the Wilhelm Drive intersection.

This project will reconstruct Old Hearne Road (from Wilhelm Drive to North Texas Avenue) and a short section of North Sims Avenue (from North Texas Avenue across the railroad tracks to Ash Street). Approximately 4,750 linear feet of Old Hearne Road will be widened up to a 38 foot wide 3-lane concrete curb and gutter section, with sidewalks on both sides of the road, street lighting, and a storm sewer system. A 400 linear foot section of North Sims Avenue will receive a similar treatment, except the roadway will be 27 feet wide as this section is not on the Thoroughfare Plan as a collector and the existing railroad crossing would have to be widened, which would be unlikely. Union Pacific Railroad (UPRR) has previously asked to close this crossing so they will not be in favor of widening. Additionally there will be concurrent replacement of approximately 4,300 linear feet of sanitary sewer lines and 5,500 linear feet of water line, including looping and increases in sizing to improve flows, capacities, and conditions of these utility systems in this area. Finally, there will be a new traffic signal system installed at the intersection of North Texas Avenue and Old Hearne Road, with ADA facilities, enhanced pedestrian features, and crosswalk striping to improve vehicular and pedestrian safety.

Amendment No. 1 to the design contract added interconnection of the UPRR signal with the proposed traffic signal at North Texas Avenue and Old Hearne Road, improving traffic efficiency. It also extended the sidewalk along the west side of North Sims Avenue from Ash Street to Boulevard Street, providing a pedestrian route between the Oak Park Grove neighborhood and the HEB grocery store as well as connecting to the existing sidewalk along San Jacinto Lane (SH 21).

Amendment No. 2 will add ten (10) right-of-way surveys needed for land acquisition, staking of up to seven (7) properties to show owners the proposed layout of sidewalks and roadway, and traffic calming design for the reconstructed Old Hearne Road. Traffic calming will most likely take the form of splitter islands spaced every 400-500 feet. Some of those splitter islands can be used for pedestrian crossings.

The additional cost of the design services in Amendment No. 1 was \$33,000, which was a 4.8% increase to the original contract amount (\$692,000). Amendment No. 2 will add \$40,000 to the contract, which is 5.8% of the original amount. If this amendment is approved, the total design services contract amount will be \$765,000. \$692,000 was budgeted for design and \$1,000,000 was reserved for right-of-way acquisition. It is anticipated that only \$400,000 to \$500,000 will be needed for right-of-way acquisition allowing the remainder to cover the overage in the design amendment.

The cost of constructing the two additional items in Amendment No. 1 was estimated at \$125,000, which was a 2.0% increase to the preliminary construction cost estimate (\$6,300,000) that includes water and sewer utilities. The additional construction costs for the traffic calming items in Amendment No. 2 are estimated to be \$5,000, which is less than 0.08% of the preliminary estimate. If this amendment is approved, the estimated total construction costs increase to \$6,430,000 of which only \$5,260,000 is to be funded from bond funds issued by the General Fund. Staff has estimated the cost to be \$5,800,000 in 2020 for the general fund future debt issuance.

**Staff Analysis & Recommendation\***

Staff recommends approving Amendment No. 2 to the Engineering Services Contract for the Old Hearne Road Phase 1 Project, City Project Number 332-411-425-611-DE-1506, for the not-to-exceed amount of \$40,000. This action will provide right-of-way survey and staking needed for land acquisition and provide traffic calming on the reconstructed roadway.

**Options\***

(In Suggested Order of Staff Preference)

1. Approve Amendment No. 2 to the Engineering Services Contract
2. Do not approve Amendment No. 2 to the Engineering Services Contract

**Funding Source\***

Bond Fund 372 = \$40,000

Attachments

Old Hearne Ph 1 Design Amendment 2.pdf

107.04KB

Please detail attachments and note attachments available for viewing in City Secretary's Office:  
1. Amendment No. 2 to the Engineering Services Contract

Dept. Head Signature

JAYSON E. FARFNECHT // 2/16

Deputy City Manager  
Signature

*Hugh R. Walker*

City Manager Signature



City Attorney Signature

*Janis K. Hampton*