

ACTION FORM BRYAN CITY COUNCIL

DATE OF COUNCIL MEETING: December 2, 2014	DATE SUBMITTED: November 14, 2014
DEPARTMENT OF ORIGIN: Public Works - Engineering	SUBMITTED BY: W. Paul Kaspar

MEETING TYPE:	CLASSIFICATION:	ORDINANCE:	STRATEGIC INITIATIVE:
<input type="checkbox"/> BCD	<input type="checkbox"/> PUBLIC HEARING	<input type="checkbox"/> 1ST READING	<input checked="" type="checkbox"/> PUBLIC SAFETY
<input type="checkbox"/> SPECIAL	<input type="checkbox"/> CONSENT	<input type="checkbox"/> 2ND READING	<input type="checkbox"/> SERVICE
<input checked="" type="checkbox"/> REGULAR	<input checked="" type="checkbox"/> STATUTORY		<input type="checkbox"/> ECONOMIC DEVELOP.
<input type="checkbox"/> WORKSHOP	<input type="checkbox"/> REGULAR		<input checked="" type="checkbox"/> INFRASTRUCTURE
			<input checked="" type="checkbox"/> QUALITY OF LIFE

AGENDA ITEM DESCRIPTION: Consider awarding the West 28th Street Utility & Street Rehabilitation Project construction contract (between Palasota Drive and Congress Street in Bryan, Brazos County, Texas), City Job Number 332-411-425-611-DE-0916, to Larry Young Paving, Inc. in the not to exceed amount of \$3,492,422.15.

SUMMARY STATEMENT: West 28th Street from Palasota Drive to Congress Street is classified on the City's Thoroughfare Plan as a Major Collector, and provides access to the Downtown area from the western portion of town. The current street section is very narrow and has insufficient capacity for current traffic demands. Drainage problems exist in the area due to lack of sufficient storm sewers and the bar ditches along the road create additional maintenance problems. Finally, while this area has a substantial amount of walking traffic, there are not adequate places for pedestrians to travel safely. For these reasons, the project was ranked high in the Capital Improvement Plan (CIP) scoring.

The West 28th Street Reconstruction Project is a currently funded Capital Improvement Project the City of Bryan has been working on since early 2010. The project includes converting the narrow open ditch roadway to a 3-lane, 38 foot wide roadway with center turn lane and sidewalks on both sides. Drainage will be improved with the installation of storm sewers and a regional storm water detention pond has already been constructed in which the improved roadway will drain.

Goodwin Lasiter was the design firm selected for this project in early 2010. Using the schematic layout, Threshold Land Services negotiated the right-of-way and easement acquisitions needed for the project and the right-of-way abandonments associated with those acquisitions were considered by the City Council at the November 18, 2014 City Council meeting. The City has the needed right-of-way and easements to build this project as designed.

If this contract is approved, construction on the project could begin as early as December 2014. The project has two phases. The first phase involves preparing the newly acquired easement area by relocating any conflicts and fencing so that utility relocations can be accomplished by BTU, Verizon, Suddenlink and Atmos Gas. Once that phase is complete, the contractor will move into the second phase which will involve water, sewer and storm sewer construction and finally pavement and sidewalk construction. Bids were received with the base bid representing a continuously reinforced concrete pavement section, similar to the design for the Beck Street extension. Alternate bids were received for conventionally reinforced jointed concrete pavement and asphalt pavement.

Staff recommends awarding the base bid primarily due to the life cycle costs associated with the concrete pavement versus the asphalt pavement. Concrete will perform longer without needing maintenance over the lifetime of the pavement representing fewer costs than asphalt pavement, which requires more expensive and more frequent maintenance activities. The continuously reinforced concrete pavement is preferred over jointed concrete pavement,

especially on collector roadways in residential areas, where the regular noise of vehicular tires running over the joints in the concrete pavement make noticeable noise for the residents. Staff received noise complaints from residents along Coulter Drive after rebuilding that roadway with jointed concrete pavement.

The lowest base bid was submitted by Larry Young Paving, Inc. in the amount of \$3,492,422.15, which was \$607,578 or 14.8% less than the Engineer's Estimate of \$4,100,000 and \$1,207,578 or 25.7% under the project budget of \$4,700,000. Larry Young Paving is the contractor who has performed the last few years of street maintenance work for the City of Bryan. \$3,789,000 was budgeted out of 2014 Certificates of Obligation and \$550,000 and \$350,000 were budgeted for water and sewer respectively. The low bid, if awarded, would fund \$2,499,405.15 from the 2014 Certificates of Obligation and \$557,589 from water and \$435,428 from sewer. That leaves a balance of approximately \$1,289,594.85 from the 2014 Certificates of Obligation and taking into account an estimated \$30,000 in construction materials testing needed for the project that would leave approximately \$1,250,000 available for another project.



STAFF ANALYSIS AND RECOMMENDATION: Staff recommends awarding the West 28th Street Utility & Street Rehabilitation Project construction contract (between Palasota Drive and Congress Street in Bryan, Brazos County, Texas), City Job Number 332-411-425-611-DE-0916, to Larry Young Paving, Inc. in the not to exceed amount of \$3,492,422.15. This project has experienced numerous delays associated with the right-of-way and easement acquisition and it is finally ready to move into construction. The City of Bryan received good competitive bids for the project that came in under the Engineer's Estimate and project budget. The improvements associated with this project include major safety improvements for pedestrians and vehicular traffic with the addition of sidewalks and a widened roadway with left turn storage and improved drainage.

OPTIONS (In Suggested Order of Staff Preference):

1. Award the construction contract.
2. Do not award the construction contract and provide direction to staff.

ATTACHMENTS:

1. Bid Tabulation (pdf file)

FUNDING SOURCE: 2014 Certificates of Obligation = \$2,499,405.15; Water Fund 510 = \$557,589; Sewer Fund 515 = \$435,428

APPROVALS: J. Barfknecht 11/15/14; Hugh R. Walker, 11/18/2014

APPROVED FOR SUBMITTAL: CITY MANAGER Kean Register, 11-17-2014

APPROVED FOR SUBMITTAL: CITY ATTORNEY Janis K. Hampton, 11-24-2014

Revised 05/2013