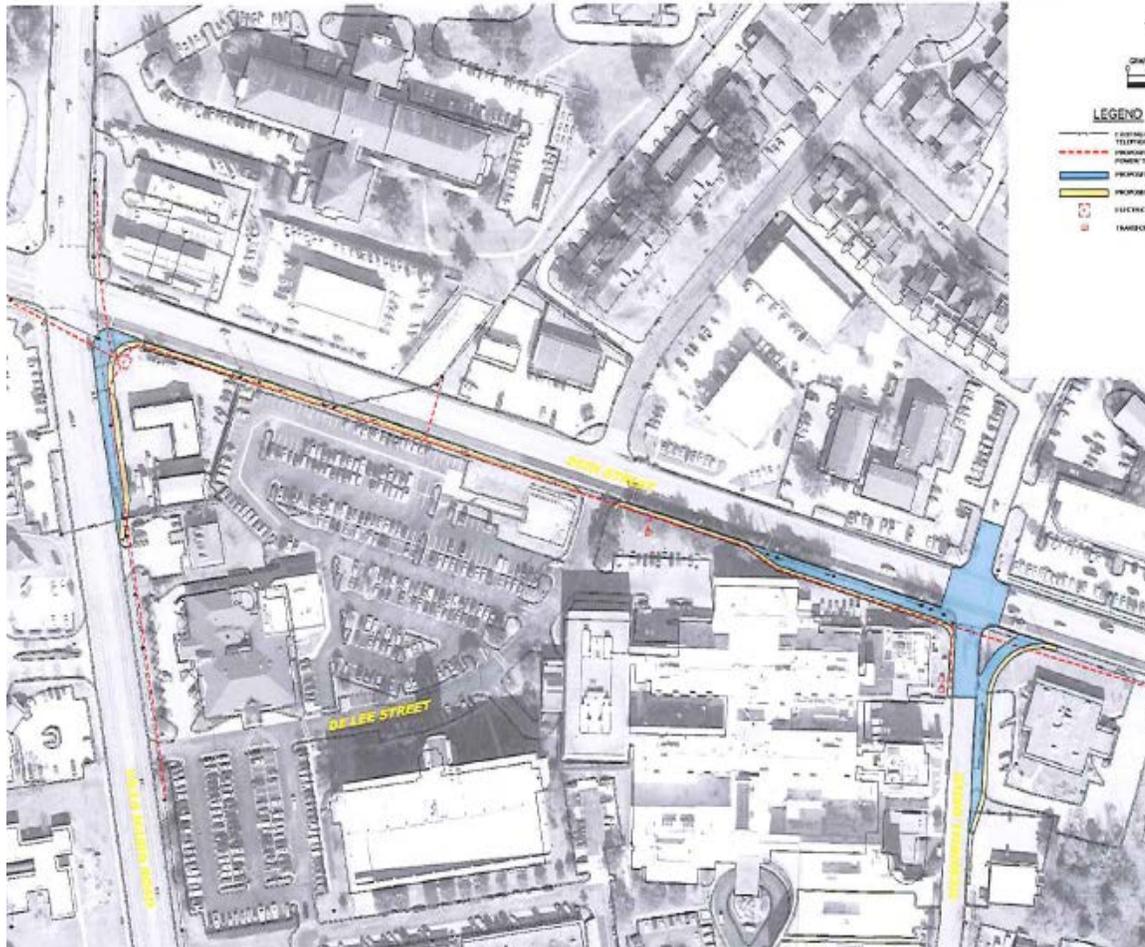


ACTION FORM BRYAN CITY COUNCIL

DATE OF COUNCIL MEETING: October 28, 2014		DATE SUBMITTED: October 9, 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 checked="" 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 approving an engineering design contract for the St. Joseph Hospital and Traffic Signal Improvements Project, City Project Number 332-750-DE-1413, to Kimley-Horn & Associates, Inc., for the not-to-exceed amount of \$179,900.00.			
SUMMARY STATEMENT: St. Joseph Hospital has announced the construction of a new Emergency Room Facility to replace their current ER that fronts on East 29 th Street. With this new facility, primary ambulance drop off will occur on Memorial Drive, which will be constructed where the current parking lot is today. Additionally, St. Joseph is partnered with the City of Bryan in developing the Health and Wellness District and they are master planning the future of their campus. Through discussions with St. Joseph System staff, improvements to the two major intersections to their campus from E. 29 th Street were discussed along with converting overhead utilities to underground utilities along the primary campus frontage of East 29 th Street and Villa Maria Road.			
<p>Kimley-Horn & Associates was selected through a 2012 request for qualifications (RFQ) process where they scored high in both streets and traffic signal projects. This engineering contract includes design and preparation of the construction plans for rebuilding the intersection of Memorial Drive and East 29th Street in order to remove the dip that exists today at this intersection resulting in better serving patients being transported in ambulances to the hospital from East 29th Street. This improvement will require reconstruction of more than just the intersection to make the drainage work. Additionally at this intersection, a right turn lane will be added so there can be a left turn, straight and right turn dedicated lanes at the intersection. The scope also includes installation of new traffic signals at Memorial Drive / East 29th Street and at Villa Maria Road / East 29th Street. These signals have been planned for replacement using the Transportation Fee funds as they contain old, outdated equipment and see heavy traffic on a daily basis due to St. Joseph Hospital and Blinn College traffic generators. A right turn lane is planned at the Villa Maria Road / East 29th Street intersection as well. Many of the sidewalks do not meet ADA standards and will be replaced within the project limits. The final component of the scope is to install underground conduit and duct bank for conversion of overhead utilities to underground along the route shown in red on the graphic below. Private utilities, such as Verizon and Suddenlink, have been contacted and requested to remove their facilities from overhead and convert to underground within the same project limits.</p>			



As there will be right-of-way or easement to be acquired at the intersections to accommodate the right turn lanes, the surveying work for those items are included in this contract, however the City will contract with and use its own Land Agents to acquire the parcels or easements.

The preliminary construction costs for the scope of this project have been estimated at approximately \$1.43 million with pavement and signals costing approximately \$892,000, BTU conduit and lighting costing approximately \$400,000, and sidewalks costing approximately \$143,000. The engineering design fees are 10.5% of the construction cost with the total cost of engineering, surveying and geotechnical work making up 12.5% of the construction cost. BTU will have additional costs to install the power lines in the underground conduits and all associated items such as switchgears and transformers and the removal of power poles. The schedule is proposed to take just over four (4) months for design, with a proposed construction bidding and project award in April / May of 2015. Construction is estimated to take 120 days with an estimated completion date of November 2015. St. Joseph Hospital hopes to have their new Emergency Room facility ready no earlier than December 31, 2015.

STAFF ANALYSIS AND RECOMMENDATION: Staff recommends awarding the Engineering Design Contract for the St. Joseph Hospital and Traffic Signal Improvements Project, City Project Number 332-750-DE-1413, to Kimley-Horn & Associates, Inc., for the not-to-exceed amount of \$179,900.00. By awarding the engineering design contract, this project can proceed forward and hopefully meet or exceed the anticipated opening of the new St. Joseph Hospital Emergency Room facility at the end of the 2015 calendar year.

OPTIONS (In Suggested Order of Staff Preference):

1. Award the Engineering Design Contract

2. Do not award the Engineering Design Contract and provide staff direction.

ATTACHMENTS: (both documents are in a single pdf file)

1. Engineering Design Contract
2. Cost Estimates for Construction

FUNDING SOURCE: Transportation Fee Fund 240 (roadway and signals) = \$100,800

General Fund (sidewalks) = \$13,000

BTU = \$36,300

APPROVALS: Jayson E. Barfknecht 10/09/14; Hugh R. Walker, 10/12/2014

APPROVED FOR SUBMITTAL: CITY MANAGER Kean Register, 10/17/2014

APPROVED FOR SUBMITTAL: CITY ATTORNEY Janis K. Hampton, 10-18-2014

Revised 05/2013