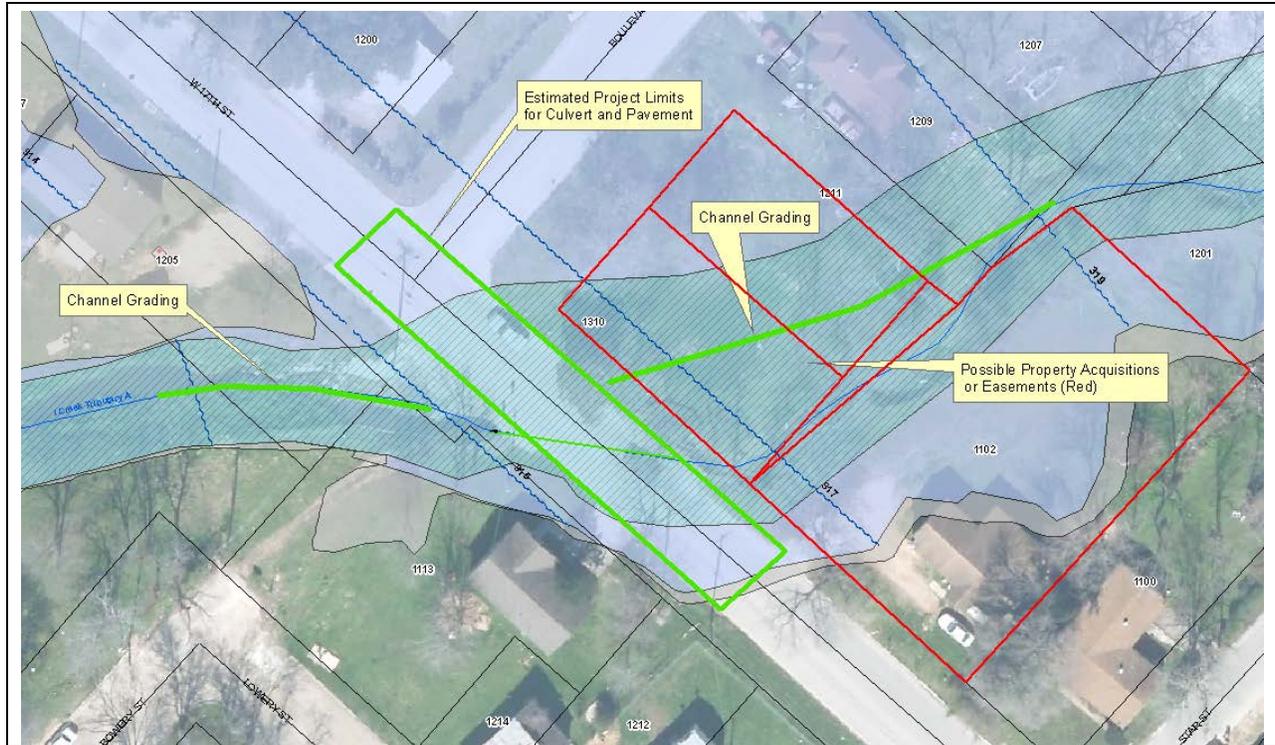


## ACTION FORM BRYAN CITY COUNCIL

<b>DATE OF COUNCIL MEETING:</b> October 28, 2014		<b>DATE SUBMITTED:</b> October 16, 2014	
<b>DEPARTMENT OF ORIGIN:</b> Public Works - Engineering		<b>SUBMITTED BY:</b> W. Paul Kaspar	
<b>MEETING TYPE:</b>	<b>CLASSIFICATION:</b>	<b>ORDINANCE:</b>	<b>STRATEGIC INITIATIVE:</b>
<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
<b>AGENDA ITEM DESCRIPTION:</b> Consider approving an engineering design contract for the West 17 <sup>th</sup> Street Culvert Replacement Project, City Project Number 425-D1-1412, to Don Durden, Inc., doing business as Civil Engineering Consultants, for the not-to-exceed amount of \$66,000.00.			
<p><b>SUMMARY STATEMENT:</b> The West 17<sup>th</sup> Street Culvert Replacement Project is one of the highest ranked projects in the City of Bryan's Stormwater Masterplan and is included in the FY14-FY18 approved Capital Improvement Program. This roadway along with Martin Luther King, Jr. (MLK) Street serve as the primary access points to the residential subdivisions north of State Highway 21. In the last few years the City has replaced the MLK Street culvert and designed it to pass the 100 year storm event, creating a safe accessible route into and out of the subdivision. The scope of the 17<sup>th</sup> Street Culvert Replacement Project is similar to what was done at MLK Street including some grading and channel modifications upstream and downstream of the crossing. The 17<sup>th</sup> Street Culvert Project is more complicated than the MLK Street project due to the number of utilities that exist and cross each other at the culvert location and this project may require relocation or replacement of some of those utilities.</p> <p>Civil Engineering Consultants (CEC) recently purchased Kling Engineering, a long time Bryan based Engineering and Surveying firm. CEC was selected for this work based on the responses from our 2012 Professional Services Request for Qualifications (RFQ) selection process where Kling Engineering scored highly in both streets and drainage projects in the RFQ. Previous experience with this firm in their thoroughness in modeling and designing drainage projects in FEMA regulatory floodplain was the primary reason staff deemed them most qualified for this work. The scope of this engineering contract includes design and preparation of the construction plans for rebuilding the culvert at West 17<sup>th</sup> Street and also includes surveying work to define any easements or property acquisitions likely needed adjacent to the culvert to make the improvements to the channel on each side of the culvert. The scope also includes preparing the drainage report and Letter of Map Revision documentation required by FEMA when modifying drainage structures in a regulatory floodplain. The Letter of Map Revision will cover the work done at West 17<sup>th</sup> Street as well as the MLK Street culvert crossing.</p> <p>As there will be right-of-way or easement to be acquired, the City will contract with and use its own land agents to acquire the parcels or easements determined necessary and prepared by CEC.</p> <p>The preliminary construction costs for the scope of this project have been estimated at approximately \$630,000. The engineering design fees are 6% of the construction cost with the total cost of engineering, surveying and FEMA related modeling making up 10% of the construction cost. The schedule is proposed to take approximately ten (10) weeks to design, which when combined with bidding should have the project to the City Council for award in April 2015. Construction is estimated to take five (5) months with an estimated completion date of October 2015. Submittal of FEMA Letter of Map Revision will take place after construction as the submittal must be accompanied with As-Built Drawings.</p>			



**STAFF ANALYSIS AND RECOMMENDATION:** Staff recommends awarding the Engineering Design Contract for the West 17<sup>th</sup> Street Culvert Replacement Project, City Project Number 425-D1-1412, to Don Durden, Inc. doing business as Civil Engineering Consultants, for the not-to-exceed amount of \$66,000.00. By awarding the engineering design contract, this project can proceed forward and take advantage of summer 2015 construction weather.

**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 (design for roadway and box culvert replacement) = \$66,000

**APPROVALS:** Jayson E. Barfknecht 10/20/14; Hugh R. Walker, 10/20/2014

**APPROVED FOR SUBMITTAL: CITY MANAGER** Kean Register, 10-20-2014

**APPROVED FOR SUBMITTAL: CITY ATTORNEY** Lauren Crawford (for J. Hampton), 10-20-2014