

## ACTION FORM BRYAN CITY COUNCIL

<b>DATE OF COUNCIL MEETING:</b> October 13, 2015		<b>DATE SUBMITTED:</b> September 24, 2015	
<b>DEPARTMENT OF ORIGIN:</b> Public Works - Engineering		<b>SUBMITTED BY:</b> 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 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 awarding a construction contract for the Apple Creek Channel Improvements Project, City Project Number 425-D1-1414, to Vox Constructions, LLC for the not to exceed amount of \$193,774.50.			
<p><b>SUMMARY STATEMENT:</b> This contract will make improvements to the geometry and safety of the existing concrete lined open channel, and provide creek bank stabilization for an approximately 100 foot section of Briar Creek Tributary 5 in the vicinity of 2707 Apple Creek Circle. The current channel is 3 feet wide at the base, and 5 feet deep with average 36% side slopes. The top of bank location is approximately 2.5 feet from the house on the east side of the channel, and 8 feet from the house on the west side of the channel. The close proximity of the top of the bank to the structures creates a safety hazard and a potential substructure erosion issue. The proximity, depth of the channel, and percent side slope creates a safety hazard for the residents. Additionally, the outfall flume of the existing channel encroaches upon the adjacent properties. The issue was brought to the attention of City staff by the resident on the east side of the channel (2707 Apple Creek Circle). The channel design was developed by City staff to improve the geometry and safety of the channel without affecting the drainage capacity of the channel.</p> <p>This construction contract will remove the existing channel and replace it with an open channel having vertical sides instead of sloping sides, and provide a handrail barrier along the top of the channel for safety. The vertical sides will provide a 6.5 foot increase in the distance between the channel and the homes on each side of the channel, and eliminate the property encroachment. This improvement also will provide for 3% average grade slopes between the channel and the structures, thereby reducing or possibly eliminating substructure erosion potential, and also provide the residents with safer ingress and egress to their property for maintenance.</p> <p>On September 22, 2015, the City opened bids for Request for Bids (RFB) #15-063, "Apple Creek Channel Improvements." Four bids were received for this project. Vox Construction, LLC submitted the low bid (\$193,774.50) representing the best value to the City. The other bids received were from Texcon General Contractors (\$665,140.00); Streamline Energy Services (\$395,475.71); and Palomares Construction (\$235,790.00). The engineers estimate for this project was \$209,330.00. The low bid submitted by Vox Construction, LLC in the amount of \$193,774.50 is \$15,555.50 (7.4%) below the engineers estimate.</p>			



Project Site Map

**STAFF ANALYSIS AND RECOMMENDATION:** Staff recommends authorizing the Mayor to execute the construction contract for the Apple Creek Channel Improvements Project, City Project Number 425-D1-1414, with Vox Construction, LLC, accepting the base bid, for the total not to exceed amount of \$193,774.50. The project will provide reconstruction of the open concrete channel and improvements to safety in this area. This work will result in expenditure of public funds collected through the drainage utility fee.

**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 Tab Summary (pdf document)
2. Construction Contract is available for viewing in the City Secretary's office.

**FUNDING SOURCE:** Drainage Fee – Fund 245 – \$193,774.50

**APPROVALS:** Jayson E. Barfknecht 09/24/15; Hugh R. Walker, 09/28/2015

**APPROVED FOR SUBMITTAL: CITY MANAGER** Kean Register, 10/01/2015

**APPROVED FOR SUBMITTAL: CITY ATTORNEY** Janis K. Hampton, 10/01/2015