

**Meeting Date** (?) 04/12/2016

**Subject Matter** \* (?) Construction Contract - Broadmoor and Nash Roundabout Project  
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  Service  
 Economic Development  Infrastructure  
 Quality of Life

**Agenda Item Description** \* Consider awarding a construction contract for the Broadmoor Drive and Nash Street Roundabout Project, City Project Number 332-D3-1603, to Larry Young Paving for the not to exceed amount of \$362,836.25.

**Summary Statement \***

This contract will make improvements to the geometry of the Broadmoor Drive and Nash Street intersection by constructing a single lane modern roundabout. Upon the completion of the Nash Street Apartments, the transformation of the existing tee intersection into a four-legged intersection was unavoidable. With the current speed and volume trends of traffic along Nash Street and the expected increases in traffic volumes by residents of the completed Nash Street Apartments, staff recognizes improvements to this intersection are necessary to maintain safe and efficient operation of the intersection. The implementation of a modern roundabout is considered the most appropriate strategy for satisfying this critical need. Modern roundabouts hold many advantages over traditional intersections: they are safer; they are more efficient; they better serve all roadway users regardless of age or ability; they are flexible in application; and, they create opportunities for gateways or community focal points. The proposed roundabout has been designed to facilitate a desired operating speed in the 15-20 MPH, further improving safety. The design of the roundabout has been developed with input from Bryan Fire and Police Departments and will accommodate their vehicles. The central island and other select islands are designed to allow for landscaping.

Also included in this construction contract is the traffic calming improvements located at the Broadmoor Drive and Trophy Street intersection. This intersection is currently a three-way stop and will remain a three-way stop after the improvements are made. The addition of the traffic calming bulb-outs will create the perception of a "tighter" intersection effectively causing vehicular traffic to navigate the streets with increased awareness and lower speeds. The existing stop signs will be moved out into the bulb-outs, which will make them more visible to drivers.

On March 31, 2016, the City opened bids for Request for Bids (RFB) #16-029, "Broadmoor Drive and Nash Street Roundabout." The City received 2 bids for the construction of the roundabout. Larry Young Paving submitted the low bid of \$342,766.25 representing the best value to the City. The other bid received was from Texcon for an amount of \$395,644.50. The engineer's estimate for this project was \$340,000. The low bid submitted by Larry Young Paving, in the amount of \$342,766.25 is \$2,766.25 (0.81%) above the engineers estimate.

There was one alternate bid item in the RFB. Alternate 1 substituted the use of high early strength concrete for the typical concrete pavement as shown on the drawings and directed by the engineer. The reason for adding an alternate bid for high early strength concrete was to allow for the concrete to set and gain strength in the shortest amount of time possible so that the intersection of Broadmoor Drive and Nash Street could be reopened as soon as possible. There were 2 bids submitted for Alternate 1 resulting in the addition of \$20,070 to the total bid amount. It is recommended to award the Alternate Bid bringing the total contract amount to \$362,836.25. Larry Young paving is still the lower bidder with the Alternate Bid and the proposed total contract amount of \$362,836.25 is \$20,513.75 below the engineer's estimate with alternate bid of \$383,350.

**Staff Analysis & Recommendation \***

Staff recommends authorizing the Mayor to execute the construction contract for the Broadmoor Drive and Nash Street Roundabout Project, City Project Number 332-D3-1603, with Larry Young Paving, and accepting the base bid for the total not to exceed amount of \$362,836.25.

**Options \***

(In Suggested Order of Staff Preference)

1. Award the Construction Contract.
2. Do not award the Construction Contract and provide direction to staff.

**Funding Source \***

Transportation Fee – Fund 240 – \$362,836.25

**Attachments**

Schematic.pdf	31.9KB
Bid Tab.pdf	18.99KB

Please detail attachments and note attachments available for viewing in City Secretary's Office:

1. Schematic drawing
2. Bid Tab Summary (pdf document)
3. Construction Contract is available for viewing in the City Secretary's office.

**Dept. Head Signature**

JAYSON E. BAUFNECHT 03/28/16

**Deputy City Manager  
Signature**

*Hugh R. Walker*

**City Manager Signature**

A handwritten signature in black ink, appearing to be 'L. D.', written on a light gray rectangular background.

**City Attorney Signature**

*Janis K. Hampton*