



## AGENDA MEMORANDUM

First Reading for the City Council Meeting of February 25, 2014  
Second Reading for the City Council Meeting of March 18, 2014

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**DATE:** January 24, 2014

**TO:** Ronald L. Olson, City Manager

**THRU:** Mark Van Vleck, P. E., Interim Assistant City Manager of Public Works and Utilities  
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**FROM:** Daniel Biles, P. E., Executive Director Public Works  
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### **Construction Contract**

Downtown (Chaparral) Signal Improvements  
Bond Issue 2008

#### **CAPTION:**

Ordinance amending the FY 2014 Capital Improvement Budget adopted by Ordinance No. 029916 by transferring \$459,111.75 from Fund 3541 Bond 2004 Project Reserves and \$459,117.75 from Fund 3544 Bond 2004 Project Reserves to the Downtown Street Chaparral Project (Bond 2008); increasing expenditures in the amount of \$918,235.50; and authorizing the City Manager, or designee, to execute a construction contract with Austin Traffic Signal Construction Co., Inc. of Round Rock, Texas in the amount of \$918,235.50 for the Downtown Streets Chaparral Signal Improvements for the Base Bid plus Additive Alternate One.

#### **PURPOSE:**

The purpose of this Agenda Item is to execute construction contract with Traffic Signal Construction Co., Inc. of Austin, Texas for the Downtown (Chaparral) Signal Improvements for basic signalization and Radar Presence Detection system installation.

#### **BACKGROUND AND FINDINGS:**

Project consists of the installation and modification of the traffic signals along Chaparral Street at Cooper's Alley, John Sartain St., Peoples St., Starr St., Taylor St., Twigg St., and Interstate 37. Signals at the intersections with William St., Lawrence St., and Schatzell St., were previously installed as part of another project. This project will complete the signals along Chaparral Street to allow for its conversion to two way traffic.

Additive Alternate No. 1 is recommended and includes installing a radar detection system in lieu of traffic cameras on the traffic signal poles. Traffic cameras sometimes cannot detect vehicles in the fog, and over time begin to develop problems detecting vehicles when the cameras are installed in a coastal area where salt water mist may damage camera lenses. The radar detection system doesn't have these problems, and function in foggy conditions and are not disrupted by the salt mist from the coast.

On December 11, 2013, the City received proposals from one (1) bidder. During the bid process, the City's Engineer contacted five other contractors across the state that specialize in traffic signal construction in an effort to elicit more bids for the project. They were informed of the availability of the bid documents through the Public Purchase website.

The single bid is as follows:

<b>Contractor</b>	<b>Base Bid</b>	<b>Additive Alternate 1</b>	<b>Total Base Bid Plus Add Alt 1</b>
Austin Traffic Signal Constr. Co., Inc. Round Rock, Texas	\$789,185.50	\$129,050.00	\$918,235.50

The City's Consultant Engineer, HDR Engineering, Inc. conducted a bid analysis of the one proposal submitted to the City. Based on the information submitted for Special Provisions A-28, A-29, and A-30, Austin Traffic Signal Construction Company, Inc. of Round Rock, Texas has the experience and resources to complete the project.

**ALTERNATIVES:**

1. Execute the construction contract with Austin Traffic Signal Construction Co., Inc. as proposed.
2. Do not execute the construction contract with Austin Traffic Signal Construction Co., Inc. as proposed. (Not Recommended)

**OTHER CONSIDERATIONS:**

This project was approved November 4, 2008 in the Bond Issue 2008 Package under Proposition No. 1 Street Improvements.

**CONFORMITY TO CITY POLICY:**

Conforms to statutes regarding Request for Bids process; appropriating funds and the FY 2013-2014 Capital Improvement Program budget.

**EMERGENCY / NON-EMERGENCY:**

Not applicable

**DEPARTMENTAL CLEARANCES:**

Street Department

**FINANCIAL IMPACT:**

Operating       Revenue       Capital       Not applicable

<b>Fiscal Year 2013-2014</b>	<b>Project to Date Expenditures (CIP only)</b>	<b>Current Year</b>	<b>Future Years</b>	<b>TOTALS</b>
Line Item Budget	\$6,466,149.26	\$1,128,235.50	\$0.00	\$7,594,384.76
Encumbered / Expended Amount	\$6,466,149.26			\$6,466,149.26
This item		\$918,235.50	\$0.00	\$918,235.50
Future Anticipated Expenditures		\$210,000.00	\$0.00	\$210,000.00
<b>BALANCE</b>		<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>

Fund(s): Street Bond Issue 2004, Street Bond Issue 2008

**COMMENTS:**

This is the final contract to complete the Downtown Streets – Chaparral Street Project and is required to complete the signalization and provide for two-way traffic. The contract is utilizing Bond Issue 2004 Street Program reserves to enhance and complete this project.

**RECOMMENDATION:**

City Staff recommends the approval of the construction contract for the Base Bid and Additive Alternate 1 with Austin Traffic Signal Construction Co., Inc.

**LIST OF SUPPORTING DOCUMENTS:**

Project Budget  
Location Map  
Presentation  
Ordinance