

Meeting Date (?) 11/21/2016

Subject Matter* (?) Traffic Signal Construction at Villa Maria / Carter Creek
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 traffic signal improvements at Villa Maria Road and Carter Creek Parkway, City Project Number 750-D7-1024, to Brazos Paving, Inc. for the not-to-exceed amount of \$312,275.15

Summary Statement*
This contract is for the re-construction of the existing traffic signal systems at the intersection of Villa Maria Road (FM 1179) and Carter Creek Parkway. The work will also include the addition of an eastbound right turn lane along Carter Creek Parkway. This construction project will provide new poles/mast arms, cabinets, controllers, video detection, communication, and the addition of pedestrian signals and actuators. Additionally, the project will provide conduits to allow fiber optic cable to extend across Villa Maria Road underground and make fiber connectivity available at this intersection. These new traffic signal systems will have technology to allow for improved signal coordination along the Villa Maria Road corridor. The final result will be improved traffic flow, improved ADA accessibility, and enhanced cyclist & pedestrian safety at the intersection especially when crossing Villa Maria Road.

The project is in the approved Capital Improvement Program (CIP) and was originally planned to occur with the Texas Avenue / Villa Maria Road signal that was recently installed; however, additional coordination for fiber connectivity as well as utility pole relocations caused delays at this intersection causing the project to be bid separately.

On November 1, 2016, the City opened bids on RFB #17-004, "Intersection Improvements Villa Maria Road (FM 1179) and Carter Creek Parkway." Only one bid was received from Brazos Paving Inc. (BPI). The sole bid was in the amount of \$ 312,275.15. This bid amount is approximately 1.3% above the engineer's estimate of \$308,401.00. The original budget for the project in the Transportation Fee was \$250,000, however that was based on a 6 year old estimate, if that cost were adjusted for inflation over the last 6 years the budget would be around \$315,000. The additional funds needed to fund this project are available in the Transportation Fee balance. Both BPI and the subcontractor (Bayer Electric) have recently worked on similar projects for the City with satisfactory results. Although the bid is over the engineer's estimate, it is reasonably close to the estimate and staff recommends awarding the contract as it still represents good value for the City.

Staff Analysis & Recommendation* Staff recommends authorizing the Mayor to execute the construction contract for the reconstruction of the traffic signals at Villa Maria Road at Carter Creek Parkway, City Project Number 750-D7-1024, to Brazos Paving Inc. for the not-to-exceed amount of \$312,275.15. The project will provide needed upgrades to the traffic signal infrastructure, improve pedestrian safety at the intersection, and improve traffic flow at the intersection.

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* Fund 240 – Transportation Fee – \$312,275.15 (a planned project in the approved CIP)

Attachments VM Carter Creek Attachments.pdf 406.72KB

Please detail attachments and note attachments available for viewing in City Secretary's Office:
1. Location map and Bid Tab Summary
2. Construction Contract is available for viewing in the City Secretary's office.

Dept. Head Signature

JAYSON E. PARFENIGHT // 07/16

Deputy City Manager
Signature

Hugh R. Walker

City Manager Signature



City Attorney Signature

Janis K. Hampton