



Agenda # \_\_\_\_: \_\_\_\_  
*Commission Meeting Date: December 16, 2014*  
**CITY OF GREAT FALLS**  
**COMMISSION AGENDA REPORT**

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**Item:** Final Payment – Lower South Side Water Main Replacement – Phase I, O. F. 1465

**From:** Engineering Division

**Initiated By:** Public Works Department

**Presented By:** Jim Rearden, Public Works Director

**Action Requested:** Approve Final Pay Request

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**Suggested Motion:**

1. Commissioner moves:

"I move the City Commission approve Final Payment for the Lower South Side Water Main Replacement - Phase I, O. F. 1465, in the amount of \$13,608.99 to Phillips Construction, LLC, and \$137.46 to the State Miscellaneous Tax Fund and authorize the City Manager to make the payments."

2. Mayor calls for a second, discussion, public comment, and calls for the vote.

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**Staff Recommendation:** Approve final payment request.

**Background:**

Original Bid Opening Date

Four bids were received and opened for this project on May 21, 2014.

Bid Amount

Phillips Construction, LLC (Phillips) submitted the low bid of \$1,178,749.00.

Commission Award Date

The City Commission awarded the contract to Phillips on June 3, 2014.

Purpose

This project replaced 4-inch and 6-inch cast iron water main with 8-inch PVC, replaced 12-inch cast iron water main with 12-inch PVC, and 16-inch ductile iron water main with 20-inch PVC. These existing water mains have been failing with increasing frequency, causing damage to buildings, roadways and disrupting water service to local businesses. In 2<sup>nd</sup> Street

South the existing 16-inch water main was increased to 20-inches to provide for future expansion to the north, providing needed improvements to the City's water distribution system. The water main upsizing is part of the City's water master plan developed in 2006.

The water main breaks are primarily due to corrosive soils and type and age of pipe materials used.

#### Final Payment

The final project cost is \$1,119,225.27 which is \$59,523.73 less than the original contract amount.

#### Project Work Scope

This project replaced 1,160 lineal feet of 6-inch and 8-inch water main, 1,000 lineal feet of 12-inch water main, and 3,555 lineal feet of 16-inch water main. Also, this project replaced 14 fire hydrants and added 3 new fire hydrants to improve fire protection, 29 water service connections, 4,550 square yards of gravel, 2,900 square yards of concrete sub-base, and 3,965 square yards of asphalt pavement.

#### Conclusion

Phillips has completed all work and items on the punch list. The City can accept the project and execute Final Payment. The project was not completed within the contract time and liquidated damages were assessed. The two year warranty period started at the time of substantial completion which was October 21, 2014.

#### **Concurrences:**

Not Applicable.

#### **Fiscal Impact:**

This project is being paid through the Water Capital Improvement fund.

#### **Alternatives:**

The City Commission could vote to deny Final Pay.

#### **Attachments/Exhibits:**

Vicinity Map showing project location

# OF 1465.0 VICINITY MAP

