



**Item:** Final Payment – 14<sup>th</sup> Street and 5<sup>th</sup> Avenue Southwest Water Main Replacements, O. F. 1436

**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 14<sup>th</sup> Street Southwest and 5<sup>th</sup> Avenue Southwest Water Main Replacements, O. F. 1436, in the amount of \$12,599.81 to Phillips Construction, LLC and \$127.27 to the State Miscellaneous Tax Fund and authorize the City Manager to make the payments."

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

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

**Background:**

Significant Impacts

This project replaced portions of the water system located in 14<sup>th</sup> Street Southwest, 16<sup>th</sup> Street Southwest, 20<sup>th</sup> Street Southwest, and 5<sup>th</sup> Avenue Southwest. Most of these water mains were installed in the late 1960's and 1938.

Citizen Participation

This project is being completed in cooperation with the Department of Environmental Quality (DEQ) and using the Drinking Water State Revolving Fund (DWSRF) for financing.

Workload Impacts

City engineering staff designed the project, performed construction inspection and contract administration duties. Utilities Division personnel operated valves, provided locates, taps, and test for water purity.

Purpose

The project replaced water mains that have been failing and have damaged roadways and

private property, and disrupted water service to local residences and business. The breaks are primarily due to corrosive soils, age, and the type of pipe material used.

#### Project Work Scope

This project replaced 2,809 lineal feet of 6- and 8-inch water main, 3,169 lineal feet of 12-inch water main, 249 lineal feet of 16-inch water main, 10 fire hydrants and 20 water service connections.

This project was originally scheduled to replace 2,150 lineal feet of 6- and 8-inch water main. An additional 659 lineal feet of water main was added due to the low contract price for water main replacement. The added location required no asphalt replacement. This, coupled with the fact that less type II pipe bedding, 2" water services, and miscellaneous work was required enabled the replacement of additional pipe and also enabled completion of this project below the original contract price.

The mains are located in 14<sup>th</sup> Street from 5<sup>th</sup> Avenue Southwest to approximately 623 feet north of 2<sup>nd</sup> Avenue Southwest; 16<sup>th</sup> Street from 5<sup>th</sup> Avenue Southwest north approximately 570 feet; 20<sup>th</sup> Street from 5<sup>th</sup> Avenue Southwest north approximately 260 feet; and 5<sup>th</sup> Avenue Southwest from 14<sup>th</sup> Street to 20<sup>th</sup> Street.

#### Evaluation and Selection Process

The City accepted four bids for this project on September 5, 2008 and the City Commission awarded the contract to Phillips Construction on September 16, 2008 in the amount of \$644,485.00.

#### Conclusion

City staff has verified that Phillips Construction has completed all work and punch list items in accordance with the plans and contract. The City can accept the project and execute the Final Payment. The project was completed within the contract time. The two year warranty period started at the time of substantial completion which was May 22, 2009.

#### **Concurrences:**

Not Applicable.

#### **Fiscal Impact:**

Replacement of these mains will save on maintenance due to man hours and resources necessary for repairing the broken water mains, streets, and surrounding property, plus saving the water resource lost during the main break itself.

The final project cost is \$636,354.21 which is \$8,130.79 under the \$644,485.00 amount awarded and approved.

This water main replacement project was funded through the DWSRF.

#### **Alternatives:**

The City Commission could vote to deny final payment.

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

1. Application for Final Payment is attached. (Not available online; on file in City Clerk's Office.)