



Agenda # 11
Commission Meeting Date:
August 6, 2013

**CITY OF GREAT FALLS
COMMISSION AGENDA REPORT**

Item: Final Payment – Sanitary Sewer Trenchless Rehabilitation, Phase 16, O.F. 1566.3

From: Engineering Division

Initiated By: Public Works Department

Presented By: Jim Rearden, Public Works Director

Action Requested: Approve Final Pay Request

Suggested Motion:

1. Commissioner moves:

“I move the City Commission approve Final Payment for the Sanitary Sewer Trenchless Rehabilitation, Phase 16, O.F. 1566.3 in the amount of \$11,805.65 to Western Slope Utilities, LLC (WSU), and \$119.25 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.

Staff Recommendation: Approve final payment request.

Background:

Significant Impacts

This project is a continuation of an ongoing program to rehabilitate existing sanitary sewer mains utilizing trenchless technology methods. This year’s project rehabilitated sewer mains that had gradually deteriorated over the years. A total of 10,374 linear feet of main received liners, greatly extending the main’s useful life and reducing routine maintenance costs. Change Order No. 1 involved the rehabilitation of an additional 715 linear feet (2 blocks) of 9-inch diameter sewer main. These lines were found to be good candidates for lining after the project had already been awarded.

Project Work Scope

This project rehabilitated 10,374 linear feet of 8-inch and 9-inch diameter mains that were located in twenty-six locations spread around the City. These locations are as follows:

1200 Block of 2nd Alley North
2000 Block of 3rd Alley North
2600 Block of 4th Alley North
400 Block of 6th Alley North
1200 Block of 6th Alley North
1800 Block of 3rd Alley South
1900 Block of 3rd Alley South
1800 Block of 4th Alley South
1900 Block of 4th Alley South
700 Block of 5th Alley South
900 Block of 5th Alley South
300 Block of 6th Alley North
500 Block of 6th Alley South

200 Block of 8th Alley South
400 Block of 8th Alley South
1000 Block of 8th Alley South
1100 Block of 8th Alley South
1800 Block of 9th Alley South
200 Block of 10th Alley South
1100 Block of 10th Alley South
1200 Block of 10th Alley South
1300 Block of 10th Alley South
1500 Block of 10th Alley South
1600 Block of 10th Alley South
1700 Block of 10th Alley South
1400 Block of 21st Alley South

Workload Impacts

The Utility Division of the City's Public Works Department completed preliminary sewer main inspections that were used to identify and prioritize sewer mains that needed rehabilitation. City engineering staff designed the project and performed construction inspection and contract administration duties.

Purpose

The mains were made of vitrified clay and were past their expected useful service life. The mains had begun to crack and in some cases pieces of pipe had broken away, causing holes to form in the sewers. This causes an environmental concern with raw sewage entering the surrounding soils and also maintenance problems in keeping the lines flowing and in proper working order.

This project made use of the trenchless technology method for installing Cured-In-Place-Pipe (CIPP) liner into existing pipes. Trenchless technology was chosen for this project for several reasons, including lower cost, ease of installation, greatly reduced surface disruption, and elimination of utility conflicts.

Original Bid Opening Date:

Three bids were received and opened for this project on July 18, 2012 with the bids ranging from \$222,565.00 to \$352,495.00. WSU submitted the low bid.

Commission Award Date:

The City Commission awarded the contract to WSU on August 7, 2012. Change Order No. 1 was approved March 5, 2013.

Final Payment:

The final project cost is \$238,498.00 which is the amount that was awarded and approved.

Conclusion

Public Works staff has verified that WSU 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 March 8, 2013. The delay between substantial completion and final pay was due to the final pay application only

recently being submitted by the contractor.

Fiscal Impact:

This project was funded from the Sewer Capital Fund.

Alternatives:

The City Commission could vote to deny Final Pay.

Attachments/Exhibits:

None