



Agenda # 10  
Commission Meeting Date:  
January 17, 2012

**CITY OF GREAT FALLS**  
**COMMISSION AGENDA REPORT**

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**Item:** Final Payment – Sanitary Sewer Trenchless Rehabilitation, Phase 15, O.F. 1566.2

**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 Sanitary Sewer Trenchless Rehabilitation, Phase 15, O. F. 1566.2 in the amount of \$11,279.56 to Planned and Engineered Construction, Inc. (PEC), and \$113.94 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:**

Purpose: The existing 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 caused an environmental concern and also maintenance problems in keeping the lines flowing and in proper working order.

This project made use of the trenchless technology installation method of 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: One bid was received and opened for this project on July 20, 2011.

Bid Amount: PEC submitted the low bid of \$239,555.00.

Commission Award Date: The City Commission awarded the contract to PEC on August 2, 2011.

Final Payment: The final project cost is \$227,870.00 which is \$11,685.00 less than the amount that was awarded and approved. This difference was due to no additional damage or problems found in the sewer mains during construction. The final cost is less than \$30 per foot, which is comparable to previous lining projects of this size and less than half the \$60 to \$70 per foot an open cut installation would have cost.

Project Work Scope

This project rehabilitated 7,657 linear feet of 8-inch and 9-inch diameter mains that were located in nineteen locations spread around the City. These locations were as follows;

1900 Block of 1<sup>st</sup> Alley South  
2100 Block of 1<sup>st</sup> Alley South  
500 Block of 2<sup>nd</sup> Alley South  
700 Block of 3<sup>rd</sup> Alley South  
1200 Block of 3<sup>rd</sup> Alley South  
1300 Block of 3<sup>rd</sup> Alley South  
3000 Block of 7<sup>th</sup> Alley South  
1700 Block of 8<sup>th</sup> Alley South  
3 Locations on the 200 Block of 16<sup>th</sup> Avenue South  
3 Locations on the 200 Block of 17<sup>th</sup> Avenue South  
1600 Block of 2<sup>nd</sup> Street South  
2100 Block of 3<sup>rd</sup> Alley North  
200 Block of 4<sup>th</sup> Alley North  
300 Block of 4<sup>th</sup> Alley North  
3200 Block of 6<sup>th</sup> Alley North

Conclusion

City staff has verified that PEC 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 December 21, 2011.

**Fiscal Impact:**

This project was funded through Sewer Capital Funds.

**Alternatives:**

The City Commission could vote to deny Final Pay

**Attachments/Exhibits:**

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