



Item: Final Payment – Sanitary Sewer Main Trenchless Rehabilitation, Phase 17, O. F. 1566.4

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 Main Trenchless Rehabilitation, Phase 17, O.F. 1566.4 in the amount of \$81,921.36 to Planned and Engineered Construction, Inc. (PEC), and \$827.49 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:

Purpose

Many of the original sewer mains within the City are made of vitrified clay and unbolted concrete and are past their expected useful service life. The mains have begun to crack and in some cases pieces of pipe have 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: Two bids were received and opened for this project on September 20, 2013. PEC submitted the low bid of \$380,000.00.

Commission Award Date: The City Commission awarded the contract to PEC on October 1, 2013.

Final Payment: The final project cost is \$373,617.00 which is \$6,383.00 less than the amount that was awarded and approved. This difference was due to: 1) good line conditions in areas where little knowledge was available and 2) favorable working conditions and scheduling between PEC and Public Works Staff.

Project Work Scope

This project rehabilitated 13,882 linear feet of 8-inch and 9-inch diameter mains at thirty-four locations spread around the City. These locations are as follows:

900 Block of 8th Alley North	2400 Block of 2nd Alley North
1800 Block of 8th Alley North	2300 Block of 1st Alley North
900 Block of 7th Alley North	3500 Block of 1st Alley North
2400 Block of 7th Alley North	3600 Block of 1st Alley North
900 Block of 6th Alley North	1300 Block of 5th Alley South
1700 Block of 6th Alley North	2300 Block of 6th Alley South
900 Block of 5th Alley North	2600 Block of 8th Alley South
1000 Block of 5th Alley North	1800 Block of 11th Alley South
600 Block of 4th Alley North	1000 Block of 9th Street South
900 Block of 4th Alley North	1100 Block of 9th Street South
1800 Block of 4th Alley North	1200 Block of 9th Street South
500 Block of 3rd Alley North	1300 Block of 9th Street South
900 Block of 3rd Alley North	1400 Block of 9th Street South (A)
1700 Block of 3rd Alley North	1400 Block of 9th Street South (B)
2200 Block of 3rd Alley North	1500 Block of 9th Street South
1300 Block of 2nd Alley North	1600 Block of 9th Street South
2100 Block of 2nd Alley North	600 Block of 36th Avenue Northeast

Conclusion

Public Works 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 April 8, 2014.

Fiscal Impact:

This project was funded from the Sewer Capital Fund.

Alternatives:

The City Commission could vote to deny Final Pay.

Attachments/Exhibits:

None