



Item: Final Payment – Sanitary Sewer Main Trenchless Rehabilitation, Phase 18, O. F. 1674.1

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 18, O.F. 1674.1 in the amount of \$443,900.16 to Planned and Engineered Construction, Inc. (PEC), and \$4,483.84 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

The original sewer mains within the City are made of vitrified clay and 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: One bid was received and opened for this project on February 18, 2015. PEC submitted the bid of \$475,505.00.

Commission Award Date: The City Commission awarded the contract to PEC on March 3, 2015.

Final Payment: The final project cost is \$448,384.00 which is \$27,121.00 less than the amount that was awarded and approved. This difference was due to: 1) a portion of the project was not linable using CIPP technology 2) good line conditions in areas where little knowledge was available and 3) favorable working conditions and scheduling between PEC and Public Works Staff.

Project Work Scope

This project rehabilitated 11,574 linear feet of 8, 9, 10, 18, 20, and 21-inch diameter sewer mains at thirty-two (32) locations spread around the City. These locations are as follows:

2500 Block of 4 th Alley N	1800 Block of 6 th Alley S
1800 Block of 7 th Alley S	1800 Block of 8 th Alley S
2600 Block of 10 th Alley S	2700 Block of 10 th Alley S
7 th Ave. S and 56 th St. S	1900 Block of 11 th Alley S
1 st Alley SW and 15 th Street SW	1000 Block of 8 th Alley NW
1200 Block of 4 th Alley NW	1500 Block of 3 rd Alley NW
700 Block of 36 th Ave NE	2700 Block of 4 th Alley N
800 Block of 1 st Alley N	1100 Block of 1 st Alley N
3000 Block of 1 st Alley N	3100 Block of 1 st Alley N
3200 Block of 1 st Alley N	3600 Block of 3 rd Alley N
2900 Block of 1 st Alley S	1 st Ave. NW and 3 rd St. NW
4 th Ave. NW and 3 rd St. NW	3 rd Ave. NW and 3 rd St. NW
1 st Alley NW and 15 th St. NW	1800 Block of 7 th Ave. S
Culvert on Sun River Rd.	1 st Ave. NW and 3 rd St. NW
1 st Alley NW and 3 rd St. NW	Federal Courthouse and 1 st Ave. NW (1)
1 st Alley SW and 3 rd St. NW, SW	Federal Courthouse and 1 st Ave. NW (2)

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 July 25, 2015.

Fiscal Impact:

This project was funded from the Sewer Capital Fund.

Alternatives:

The City Commission could vote to deny Final Pay.

Attachments/Exhibits:

None