



MEMORANDUM

TO: City Council

FROM: Bill Robeson, Assistant City Manager/Public Works Director

BY: Steve Kahn, Acting Capital Improvement Project Manager

SUBJECT: Consideration of Acceptance of the Wood Place, Farroll/Sandalwood, Sandalwood/Cameron, and Woodland Back Yards Sewer Lining Project, PW 2021-10

DATE: December 13, 2022

SUMMARY OF ACTION:

Accept the Wood Place, Farroll/Sandalwood, Sandalwood/Cameron, and Woodland Back Yard Sewer Lining Project and begin the one-year warranty period for defects that may arise.

IMPACT ON FINANCIAL AND PERSONNEL RESOURCES:

The final contract and change orders resulted in a total cost of \$135,409 to the City; \$132,270 for the direct contract amount and \$3,139 for contingencies. The Project was included as part of the FY 2021-22 Capital Improvement Program budget and was funded by American Rescue Plan Act (ARPA) funds. The recommended action will not impact staff resources.

RECOMMENDATION:

1) Accept the project improvements as constructed by Nu Line Technologies in accordance with the plans and specifications for the Wood Place, Farroll/Sandalwood, Sandalwood/Cameron, and Woodland Back Yard Sewer Lining Project, PW 2022-10; 2) Direct staff to file a Notice of Completion; and 3) Authorize release of retention, thirty-five (35) days after the Notice of Completion has been recorded, if no liens have been filed.

BACKGROUND:

On June 28, 2022, the City Council awarded a construction contract to perform the Wood Place, Farroll Avenue/Sandalwood Avenue, Sandalwood Avenue/Cameron Court, and Woodland Drive Back Yards Sewer Lining Project to Nu Line Technologies in the amount of \$132,270 and authorized the City Manager to approve change orders amount in the amount of \$19,840. The contractor's final construction cost for the project was \$135,409.

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The project consists of the rehabilitation of sewer pipes that run beneath the back yards of existing homes using a cured in place pipe (CIPP) method. CIPP is a trenchless (or no-dig) process where a flexible tube is inserted and pulled through the existing pipes from maintenance holes or clean outs and is then cured using either hot water under hydrostatic pressure or steam pressure to expand the tube to tightly bond with the interior of the existing pipes. This trenchless method allows the pipes to be rehabilitated in place without having to perform excavation and pipe replacement which would be extremely disruptive and expensive, if not nearly impossible, due to the locations in existing back yards.

The 2012 Wastewater System Master Plan lists a number of back yard sewers to be rehabilitated using the trenchless CIPP method. To determine which sewers were in the most need of reconditioning, a video inspection of each pipe segment was performed. This information was used to select which segments to complete based on the funds available.

ANALYSIS OF ISSUES:

The contractor has completed the work in accordance with the approved plans and specifications within the contract time frame, under the available budget, and there are no outstanding issues. It is, therefore, recommended that the City Council accept the Wood Place, Farroll/Sandalwood, Sandalwood/Cameron, and Woodland Back Yard Sewer Lining Project and begin the one-year warranty period for defects that may arise.

ALTERNATIVES:

The following alternatives are provided for the Council's consideration:

1. 1) Accept the project improvements as constructed by Nu Line Technologies in accordance with the plans and specifications for the Wood Place, Farroll/Sandalwood, Sandalwood/Cameron, and Woodland Back Yard Sewer Lining Project, PW 2022-10; 2) Direct staff to file a Notice of Completion; and 3) Authorize release of retention, thirty-five (35) days after the Notice of Completion has been recorded, if no liens have been file.
2. Do not accept the Project;
3. Accept the Project but do not authorize release of retention; or
4. Provide other direction to staff.

ADVANTAGES:

The Project is complete, on-time, and under budget, and accepting the improvements will allow staff to close out the Project.

DISADVANTAGES:

No disadvantages have been identified.

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ENVIRONMENTAL REVIEW:

No environmental review is needed to accept the project.

PUBLIC NOTIFICATION AND COMMENTS:

The Agenda was posted at City Hall and on the City's website in accordance with Government Code Section 54954.2.

Attachments:

1. Notice of Completion