



Agenda Report

MEETING DATE: Tuesday, February 23, 2021

TO: City Council

FROM: PUBLIC WORKS & UTILITIES DIRECTOR PALMISANO
Danielle Green, Principal Engineer

SUBJECT: Approve Construction Change Order and Budget Allocation for the Madison Alley Sanitary Sewer Replacement Project SS-20-02 in the amount of \$103,000

STATEMENT OF ISSUES:

Unforeseen conflicts with existing utilities were encountered during exploratory potholing for the Madison Alley Sanitary Sewer Replacement Project (SS-20-02), requiring modifications to the sewer line grade and additional length of sewer replacement.

RECOMMENDED ACTION:

It is recommended that City Council execute Contract Change Order Number 1 in the amount of \$103,000 with K.J. Woods Construction, Inc. to add approximately 400 linear feet of 8-inch sanitary sewer replacement to the scope of the Madison Alley Sewer Replacement, Project SS-20-02, which is required due to unforeseen existing utility conflicts.

DISCUSSION:

At the December 8, 2020 meeting, City Council awarded a contract for construction of the Madison Alley Sewer Replacement, Project SS-20-02 to the lowest, responsive bidder, K. J. Woods, Inc. in the amount of \$188,000. This sewer replacement project consists of the removal and replacement of 580 lineal feet of sewer in the alley parallel to Madison Avenue in the vicinity of East Fifth Street. The existing 6-inch vitrified clay sewer pipe is separating and has a number of cracks and breakages having reached the end of its useful life.

The sewer will be replaced with 8-inch PVC pipe to meet current City Standards. The project includes the replacement of two manholes that serve this line, adjustment of the pipe slope for better flow characteristics, and also the reconnection of the sewer laterals serving each parcel connected to the line.

While performing investigative potholing, the contractor encountered an unforeseen conflict between the existing utilities on 5th Street which cross the new sewer line. The utilities were found to be installed directly on top of the existing 6-inch sewer line. In order to create the necessary separation between these existing utilities and the new gravity sewer line, the grade of the sewer line was required to be lowered. This means the trench in which the new sewer

line will be placed must be deeper than the existing sewer line to the manhole in Waters Alley adjacent to Lincoln Street. This unforeseeable change requires the replacement of an additional 400 linear feet of sewer.

The Contractor, K.J. Woods has agreed to perform this additional work at the same unit pricing provided in their original bid. The total amount of this contract change order is \$103,000.

STRATEGIC PLAN:

The Madison Alley Sewer Replacement project and associated change order is consistent with the Strategic Plan Priority 03-Infrastructure & Environment, long-range Capital Improvement Plan focus to replace aging facilities.

FINANCIAL IMPACT:

The budget allocated for this project in the approved Fiscal Year 20/21 Enterprise Sewer Fund (710-911-14620) is \$220,000. As the awarded contract amount was \$188,000, there is \$32,000 available in this budget item. The remaining \$71,000 needed to cover the balance of the \$103,000 change order will require a budget transfer from 710-911-14540 which has sufficient funds that will not be used this fiscal year.

ALTERNATIVE ACTION:

No alternatives.

ATTACHMENTS AND/OR REFERENCES (If any):

None.