



CITY OF WHEATLAND

CITY COUNCIL MEETING STAFF REPORT

January 14, 2020

SUBJECT: Notice of Completion for the Malone Culvert Replacement Project Phase 2

PREPARED BY: Dane H. Schilling - City Engineer
Rob Schauble - Coastland Engineering

Recommendation

Staff recommends adopting a resolution:

1. Accepting the work performed by Precision Earthworks Construction; and
2. Authorizing the City Clerk to file a Notice of Completion for the Project.

Background/Discussion

On March 22, 2018, City staff became aware that the Malone Avenue culvert was failing catastrophically during a storm event and the road was closed due to safety concerns. Malone Avenue is the primary access to the City's wastewater treatment plant. Staff made arrangements with Reclamation District 2103 to use the Bear River Levee as an alternative means of access. However, making left-turns from the levee road onto Highway 65 is difficult due to limited sight distance combined with highway speeds, and even more difficult in larger utility vehicles.

Staff recommended the removal of the existing structure under an emergency resolution to ensure removal can be completed before seasonal run-off began in the 2018-19 rain season. On September 24, 2018, the City received bids for the removal of the failed culvert and awarded a contract to B&M Builders in the amount of \$41,725.

During the course of the removal work (Phase 1) it was discovered that a City-owned sewer force main, a small waterline, a telephone cable and a small abandoned natural gas service were placed over the old culvert causing the need to issue a change order relocate or protect these utilities. The most notable cost item of this change order was due to the City's 8-inch sewer force main. The forcemain could not be out of service for more than 4-hrs at a time so a temporary bypass was required. This work was performed by contract change orders with B&M Builders. The cost of the change orders plus the associated design work provided by Coastland Engineering totaled \$107,083 in sewer relocation work. It should be noted that this work was not anticipated

in the original project budget because records indicated the sewer force main was below the old culvert. Table 1 below provides a summary of all project costs from the Phase 1 emergency work.

Table 1 - Phase 1 Emergency Work Cost Summary

Description	Cost
Project Management , Design and Environmental	\$ 49,895
Construction	\$ 129,705
Construction Management & Inspection	\$ 18,143
Total Phase 1 Emergency Expenditures	\$ 197,743

The removal of the old culvert and utility work was completed in December 2019 leaving the waterway clear of obstructions. The roadway remained closed until Phase 2 was completed.

The City's environmental consultant performed the necessary environmental surveys and obtained a streambed alteration permit from the State which included the purchase of mitigation bank credits to offset the loss of wetlands. In addition, Staff prepared a CEQA Notice of Exception for the project.

On July 9, 2019, the Council authorized the City Manager to solicit bids for construction and procure the materials for the steel arch culvert for the Project. Also, staff added an option ("Alternate 1") to the bid documents to construct 20-ft wide asphalt paving on Malone Avenue within the project limits. Staff awarded a contract to Precision Earthworks Construction, Inc. of Loomis for the Project in the amount of \$172,997.

Table 2 provides a summary of the actual costs for Phase 2. Table 3 provides total project cost for Phase 1 and Phase 2.

Table 2 - Phase 2 Culvert Replacement Cost Summary

Description	Cost
Project Management, Design and Environmental	\$ 62,941
Environmental Permit Government Fees (State of CA)	\$ 6,879
Material Procurement (Metal-plate Arch)	\$ 8,886
Construction	\$ 189,485
Construction Management & Inspection	\$ 24,399
Total Actual Phase 2 Replacement Expenditures	\$ 292,590

Table 3 – Total Project Cost

Phase 1 Emergency Work	\$ 197,473
Phase 2 Culvert Replacement	\$ 292,590
Total Cost	\$ 490,333

The Public Works Director and City Engineer have inspected the work and determined that the work was completed in accordance with the Project plans and specifications and is ready to be accepted by the City.

Fiscal Impact

The original project estimate presented to the City Council in July 2018 was \$500,000. The total project cost for both phases is \$490,333 spanning two fiscal years. The Fiscal Year 2019-20 Budget included \$300,000 for the project and a budget amendment authorized by Council on August 13th, 2019 to provide the additional funding needed to complete the project.

Attachments

1. Resolution
2. Notice of Completion

RESOLUTION NO. 02-20

RESOLUTION ACCEPTING THE WORK PERFORMED BY PRECISION EARTHWORKS CONSTRUCTION, INC. FOR CONSTRUCTION FOR THE MALONE CULVERT REPLACEMENT PROJECT PHASE 2 AS COMPLETE AND AUTHORIZING THE CITY CLERK TO FILE A NOTICE OF COMPLETION FOR THE PROJECT

WHEREAS, the City's Fiscal Year 2019-2020 Budget includes \$300,000 for the design and construction of the Malone Avenue Culvert Replacement Project Phase 2 ("Project"); and

WHEREAS, on July 9, 2019, the City Council authorized the City Manager to solicit bids for construction and procure the materials for the Project; and

WHEREAS, on August 13, 2019, the City Council Amend the Fiscal Year 2019-20 Budget for the Project, awarded a construction contract to Precision Earthworks Construction, Inc. in the amount of \$172,997.00, and authorized the City Manager to execute change orders not to exceed the project budget; and

WHEREAS, the Public Works Director and City Engineer have inspected the work performed by Precision Earthworks Construction, Inc. and have determined that the work has been completed on November 7, 2019, in accordance with the Project plans and specifications.

NOW, THEREFORE IT IS HEREBY RESOLVED, ORDERED AND FOUND by the City Council of City of Wheatland, State of California, the City Council:

1. Work performed by Precision Earthworks Construction, Inc. on the Malone Avenue Culvert Replacement Project Phase 2 be accepted as complete in accordance with the Project plans and specifications.
2. The City Clerk shall execute and file a Notice of Completion on the Malone Avenue Culvert Replacement Project Phase 2 on behalf of the City of Wheatland.

PASSED AND ADOPTED by the City Council of City of Wheatland, State of California this 14th day of January 2020, by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

Rick West, Mayor

ATTEST:

Lisa Thomason, City Clerk

RECORDING REQUEST BY:

City Clerk
City of Wheatland

WHEN RECORDED MAIL TO:

City Clerk
City of Wheatland
111 C Street
Wheatland, California 95692
(Exempt from recording fees Govt. Code 27383)

NOTICE OF COMPLETION**NOTICE IS HEREBY GIVEN:**

1. That the interest herein in the real property herein described is owned by: The City of Wheatland, California
2. That the full name and address of the Owner of said interest is: 111 C Street, Wheatland, CA. 95692
3. That the nature of the stated owner, or if more than one owner, then of the stated owner and co-owners is: No Fee.
4. That on the 7th day of November 2019, a work of improvement on the real property herein described was completed.
5. That the original contractor for said work of improvements was: Precision Earthworks Construction, Inc.
6. That the name and address of the transferor is: City of Wheatland, 111 C Street, Wheatland, California 95692
7. That the real property herein referred to is situated in the County of Yuba, State of California, and is described as follows:
Work awarded in a contract to Precision Earthworks Construction, Inc. known as the Malone Culvert Phase 2 which consisted of constructing a steel arch drainage culvert. The project was completed on November 7, 2019 and accepted by the City Council of the City of Wheatland on January 14, 2020. That the name of the surety on the contractor's bond for payment on said contract is American Contractors Indemnity Company.

CITY OF WHEATLAND

by: _____
Lisa Thomason, City Clerk

I certify (or declare) under penalty of perjury that the foregoing is true and correct.

Date and Place

Signature