

**CITY OF ALBANY
CITY COUNCIL AGENDA
STAFF REPORT**

Agenda date: April 19, 2021

Reviewed by: NA

SUBJECT: Call for Bids for 2021 Sanitary Sewer Rehabilitation Project – UPRR/USDA CIPP Lining (Contract No. C21-35)

REPORT BY: Allison Carrillo, Associate Engineer
Jeff Bond, Acting Public Works Director

SUMMARY

The 2021 Sanitary Sewer Rehabilitation Project consists of the rehabilitation of approximately 1,138 feet of 24” and 18” sewer main using cured-in-place pipe (CIPP) lining method, within an existing utility easement on the US Department of Agriculture and Union Pacific Railroad properties. The Public Works Department requests that the Council authorize the City Manager to approve a Call for Bids for the Project.

STAFF RECOMMENDATION

That the Council adopt Resolution No. 2021-35, authorizing the City Manager to approve a Call for Bids for the 2021 Sanitary Sewer Rehabilitation Project – UPRR/USDA CIPP Lining, Contract No. C21-35.

BACKGROUND

The City owns and maintains approximately 32 miles of sewer main and 14 miles of lower laterals. Sewer mains that have not yet been replaced or rehabilitated are predominantly made of vitrified clay with cement mortar joints. Most clay pipes in Albany’s system are over 60 years old and are in a deteriorated condition. Root intrusion through the joints has caused fracturing and other pipe defects, which increase the risk of a major structural failure or blockage.

Older sewer systems also experience excessive amounts of wet weather sanitary flows caused by the infiltration of stormwater and groundwater into the cracked sewer pipes and aging brick manholes which would otherwise be conveyed through the storm drain system. This influx of water can overwhelm the treatment plants that clean wastewater, causing partially treated wastewater to be released into the San Francisco Bay.

In 2014, the City of Albany, along with seven other East Bay cities and agencies, entered into a Consent Decree agreement with the US Environmental Protection Agency, et. al, which requires rehabilitation of at least 5,706 linear feet of sewer main per year. Under the terms of this deal, Albany is expected to rehabilitate 45,648 linear feet of sewer mains

by June 30, 2021, and 5,706 linear feet per fiscal year thereafter until year 2030. The proposed Cured-in-Place Pipe (CIPP) lining project will continue to bring the City into compliance with its annual sewer rehabilitation requirements.

DISCUSSION

In compliance with the requirements of the State Water Resources Control Board (Water Board) and the United States Environmental Protection Agency (US EPA), City staff has completed the plans, specifications, and estimate for the 2021 Sanitary Sewer Rehabilitation Project – UPRR/USDA CIPP Lining (Project). The proposed project is part of the City’s Annual Sanitary Sewer Rehabilitation Program (CIP No. 32000). As described below and shown on the attached project location map (Attachment 2), the project will rehabilitate a sewer that runs through existing easements that extend through the following properties:

US Department of Agriculture (USDA)

The work requires the contractor to access the USDA property for the CIPP liner installation along with associated manhole rehabilitation, sewer pipe videoing, site restoration and other miscellaneous work. To accomplish all these with minimal interference to the operations and maintenance of USDA facilities, Public Works staff collaborated with USDA officials and prepared a Project Implementation Plan (PIP) which outlines agreed upon conditions between the two agencies during construction of the project. Staff will continue to coordinate regularly with USDA officials during construction.

Union Pacific Railroad (UPRR)

Public Works staff also coordinated the project with Union Pacific and submitted a maintenance application for the CIPP lining of the 24” sewer pipe under the railroad tracks. On October 3, 2020 staff received Union Pacific’s approval to perform the work subject to terms and conditions contained in the Contractor’s Right of Entry Agreement. These conditions and the Right of Entry Agreement are included in the project specifications for contractor’s compliance and implementation.

The following are the key dates through the bidding period:

April 19, 2021	Council Authorization
April 23, 2021	1 st publication of Notice
April 30, 2021	2 nd publication of Notice
May 27, 2021	Bid Opening

ENVIRONMENTAL CLEARANCE

This project consists of the rehabilitation of an existing sewerage facility to meet current standards of public health and safety and is determined to be categorically exempt under CEQA.

SUSTAINABILITY CONSIDERATIONS

The rehabilitation of sanitary sewer mains, manholes and laterals prevents sanitary sewer overflows (SSOs). SSOs can reach storm drains and the San Francisco Bay causing unhealthy bacteria and pollutant levels. Preventing SSOs is a requirement of the Consent Decree.

FINANCIAL SUMMARY

The following are the estimated costs of construction:

Construction	\$ 494,130
Construction Mgmt./Inspection	\$ 30,000
Materials Testing	\$ 5,000
Contingency	<u>\$ 49,413</u>
Total Estimated Cost	\$ 578,543

The budget for the Annual Sanitary Sewer Rehabilitation Program (CIP No. 32000) was appropriated by Council as part of the City’s Capital Improvement Plan as adopted in November 2020 (Resolution No. 2020-108).

As of April 9, 2021, the City has either spent or encumbered approximately \$8.6 million of the \$13.3 million budget appropriated for the program for fiscal years 2019/20 through 2021/22. This includes the recently closed out 2020 SSRP Phase B project (Resolution No. 2021-30, Apr 5, 2021), as well as the Contract Award to Bay Pacific for construction of the 2020 Sanitary Sewer Rehabilitation Project Phase C included in the current meeting agenda for April 19, 2021.

There are adequate funds remaining in the program budget to implement this project. Staff will request any additional appropriation if needed at the time of contract award.

Attachments:

1. Resolution No. 2021-35
2. Project Location Map

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RESOLUTION NO. 2021-35

**A RESOLUTION OF THE ALBANY CITY COUNCIL AUTHORIZING
THE CITY MANAGER TO APPROVE A CALL FOR BIDS FOR
THE 2021 SANITARY SEWER REHABILITATION PROJECT-UPRR/USDA
CIPP LINING (CONTRACT NO. C21-35)**

WHEREAS, the City of Albany is required by Consent Decree to rehabilitate its aging sanitary sewer system; and

WHEREAS, the City of Albany’s Capital Improvement Plan includes funding for the Annual Sanitary Sewer Rehabilitation Program to implement the requirements of the Consent Decree; and

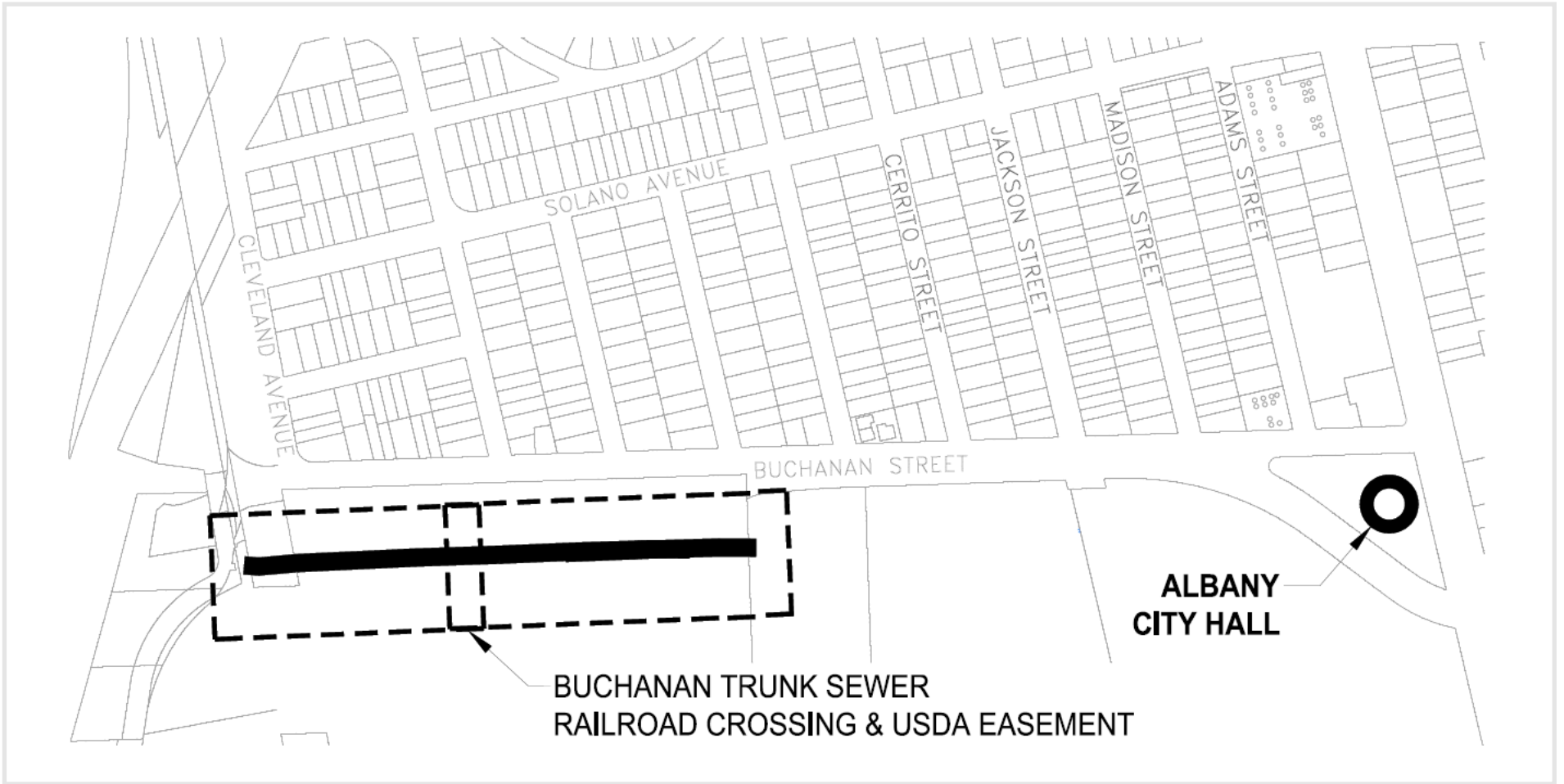
WHEREAS, the City has prepared the bid and contract documents necessary to call for bids for the 2021 Sanitary Sewer Rehabilitation Project – UPRR/USDA CIPP Lining (Contract No. C21-35); and

WHEREAS, the project consists of the rehabilitation of an existing sewerage facility to meet current standards of public health and safety and is determined to be categorically exempt under CEQA.

NOW, THEREFORE, BE IT RESOLVED, that the Albany City Council hereby authorizes the City Manager to approve a Call for Bids for the 2021 Sanitary Sewer Rehabilitation Project – UPRR/USDA CIPP Lining (Contract No. C21-35).

GE’NELL GARY, MAYOR

Attachment: Project Location Map



PROJECT LOCATION MAP

2021 SANITARY SEWER REHABILITATION PROJECT - UPRR/USDA CIPP LINING