



City Council Agenda Item Staff Report

CITY OF SAN BRUNO

DATE: May 24, 2022

TO: Honorable Mayor and Members of the City Council

FROM: Jovan Grogan, City Manager

PREPARED BY: Matthew Lee, Director

SUBJECT: Adopt Resolution Accepting the Avenues 1-3 Sewer and Water Main Replacement Project as Complete, Authorizing the Filing of Notice of Completion with the San Mateo County Recorder's Office, and Authorizing Release of the Construction Contract Retention in the Amount of \$301,874.95

BACKGROUND: The City of San Bruno Water and Sewer Master Plans were approved by the City Council on March 12, 2013 and February 25, 2014, respectively. The City subsequently prepared a 10-year prioritized work plan, which coordinates the individual improvement projects identified in the master plans into sequenced, bundled construction packages. On June 24, 2014, staff provided City Council with a report on the 10-year Improvement Work Plan and presented the following issues that were taken into consideration in developing the overall program priorities:

- Regulatory deadlines that require completion of sewer capacity projects.
- Sewer condition assessments that identify pipelines requiring replacement.
- Replacement of aging and under-sized sewer infrastructure to reduce infiltration/inflow and ongoing maintenance needs.
- Replacement of aging and under-sized water infrastructure that will improve fire flow reliability and reduce pipeline leaks

Based on these considerations, priorities were developed to focus on the following:

- Implement and complete sewer capacity projects to meet regulatory completion deadlines.
- Replace oldest infrastructure in the downtown area and surrounding neighborhoods.

The Avenues 1-3 Sewer and Water Replacement Project (Project) was identified as one of the projects in the City's work plan.

This Project consisted of installing new water pipeline, new sewer pipeline, and rehabilitating sewer pipeline along various streets and easements bounded by Huntington Avenue, San Felipe Avenue, El Camino Real, Taylor Avenue, and Florida Avenue. Both the sewer and water pipelines were scheduled to be replaced concurrently to minimize construction impacts to the public.

The completion of this Project provides residents with a more reliable water and sewer infrastructure that will prevent future water main breaks and sewer overflows and an improved roadway surface.

On April 14, 2020, the City Council approved a construction contract with Ranger Pipelines, Inc. in the amount of \$5,886,901.20 with a construction contingency of \$883,000, and contract with ENGEO for \$150,000 to provide material and compaction testing for a total construction project budget of \$7,903,300. In February 2022, Ranger Pipelines, Inc. completed construction of the Avenues 1-3 Sewer and Water Replacement Project.

On June 22, 2021, the City council approved an agreement amendment with West Yost in the amount of \$20,000 due to several unforeseen conditions involving conflicting utilities related to the storm drain culvert, PG&E, AT&T and sewer alignments; coordination with the California State Water Resources - Division of Drinking Water (DDW) necessary to ensure compliance with drinking water guidelines and to obtain a water separation approval letter.

DISCUSSION: In February 2022, Ranger Pipelines, Inc. completed construction of the Avenues 1-3 Sewer and Water Replacement Project. The Project installed approximately 7,200 feet of water pipeline, 7,800 feet of sewer pipeline, and rehabilitated approximately 1,500 feet of sewer pipeline. Additionally, the existing pavement was rehabilitated and accessible curb ramps installed.

Change orders were issued to Ranger Pipelines, Inc. during the construction due to unforeseen conditions, work scope changes and additional work requests by the City. The change orders included work related to additional stripping, red curb painting, additional traffic signs, concrete construction, water and sewer connections and reconfigurations, concrete cap over shallow pipelines, potholing, sewer spot repairs on lines planned for rehabilitation, additional drain inlets required to maintain accessible curb ramp requirements, and resolving utility conflicts with existing box culvert. The change orders with quantities adjustment totaled \$150,597.82 which is approximately 2.6% of the original contract amount.

All construction work as part of this contract has been completed to the satisfaction of the City's project management team. There are no unresolved stop notices or outstanding construction claims for this project. The construction contract requires a 5% retention, which totals \$301,874.95, be withheld by the City. Staff recommends that the City Council accept the project as complete, authorize filing a Notice of Completion with the San Mateo County Recorder's Office, and approve release of the contract retention.

FISCAL IMPACT: The total approved project budget which included design, Ranger Pipelines, Inc. contract, ENGEO contract for material testing services, project contingency, and staff project and construction management during construction was \$7,903,300. As detailed below, the total expenditure for the project was approximately \$7,209,100. The project has a realized cost savings of approximately \$694,200. The remaining budget of

approximately \$517,100 will be returned to the Wastewater Enterprise Fund and \$177,100 to the Water Capital Fund.

Description	Expenditure
Design and Construction Support Contract (West Yost)	\$ 403,352.00
Staff Project Management (Design Phase)	\$ 127,527.18
Construction Contract (Ranger Pipelines, Inc.)	\$ 6,037,499.02
Material and Compaction Testing (Smith Emery)	\$ 142,331.74
Staff Project and Construction Management and Inspection (Construction Phase)	\$ 496,819.86
Reproduction & Advertisement	\$ 1,558.05
TOTAL	\$ 7,209,087.85

ENVIRONMENTAL IMPACT: The action is not a project subject to CEQA. City Council's action is not considered a "Project" per CEQA Guidelines and therefore no further environmental analysis is required.

RECOMMENDATION: Adopt resolution accepting the Avenues 1-3 Sewer and Water Main Replacement Project as complete, authorizing the filing of Notice of Completion with the San Mateo County Recorder's Office, and authorizing release of the construction contract retention in the Amount of \$301,874.95.

ALTERNATIVES: 1. Do not accept the construction contract as complete and do not authorize filing of a Notice of Completion.

ATTACHMENTS: 1. Resolution
2. Project Acceptance Information Form