



DATE: February 21, 2023

TO: Mayor and Members of the City Council

VIA: Stefan Chatwin, City Manager

FROM: Marlene Subhashini, Assistant City Manager
Francine Magno, Senior Civil Engineer
Paul Nagengast, Project Advisor, Regional Government Services

DEPARTMENT: Public Works

SUBJECT: LEVEE IMPROVEMENT PROJECT (CIP 327-657) JANUARY 2023
- GENERAL UPDATE

RECOMMENDATION

It is recommended that the City Council, by Minute Order, consider and accept this progress update on the Levee Improvements Project (Project). No further action is required by the City Council.

EXECUTIVE SUMMARY

Staff will provide a verbal update of the latest Project activities at the City Council meeting. This report provides an update of Project progress and budget impacts with current expenditures detailed in an attached worksheet. Given where the project is at, construction activities over the next few months will be similar which means staff may not have significant or enough items to update on a monthly basis. Therefore, staff would like to transition from monthly levee updates to bi-monthly updates with the next update in April 2023 after this one. This does not preclude staff from bringing an update to the Council at any given time if there is something significant to report. Additionally, the periodic updates via the levee construction update will continue to be provided to the community and the project webpage will be kept up-to-date.

Highlights of Project progress and pictures, since the last City Council update on

January 17, 2023, are included in the attached Construction Manager's Report and listed below:

- The Contractor has been assessing and repairing where necessary, any damage to the Project due to the heavy rains that occurred in late December/January 2022/2023. There have been no observed occurrences of Bay water over topping the new levee flood wall during storms and recent king tides.
- The Contractor continues the installation of landscaping in Phases I and II.
- In Phase I, the Contractor has completed the installation of site furnishings, trail signage and has begun striping paved portions of the trail.
- In Phase II, installation of site furnishings has commenced.
- The levee, trail and access points work along Beach Park Boulevard (Phase II) continues to be worked on by the Contractor. This work includes, but not limited to, guardrail installation, bay side paths and street access points, street light poles and associated wiring to energize streetlights, and landscaping adjacent to completed access points.
- The Contractor continues to work at various access points within Phase I, installing handrails, and the soil preparation, fencing for landscaping around Sea Cloud Park
- Asphalt paving and decomposed granite shoulders in Phase I have been completed.
- The Contractor has completed approximately 3.9 miles of the 4.2 miles (92% completion) of the revised concrete cap for the top of installed sheet piles (CCO #9; \$110K and #10; \$932K). The portions of the concrete cap along Beach Park Boulevard as part of Phase II and within Phase 1 has been completed. The concrete cap remaining to be constructed is in Phase III between Baywinds Park and San Mateo Bridge.
- Staff continues to monitor the Safe Routes to School plan for Bowditch Middle School and other locations that may be affected by the Project and will coordinate with school officials if changes are necessary.

Current Schedule Timeline

Award of Contract:	July 20, 2020
Notice to Proceed:	September 28, 2020
Phase 1 Bay Trail Closure - Opening:	October 2020 - April 2023*
Phase 2 Bay Trail Closure - Opening:	January 2021 – October 2023*
Phase 3 Bay Trail Closure - Opening:	April 2021 – October 2023*

Project Substantial Completion: October 2023

Project Completion: January 2024

*Updates to trail opening dates are not a reflection of a Project delay. The overall project opening is based on contractual dates and obligations, not the phased trail openings. The phased trail openings are provided as early estimates but are moving targets due to nature of construction and weather.

PROJECT BUDGET AND COST/EXPENSES

The Project continues to be on time and within budget and expenses continue to trend as anticipated.

Summary of known costs to date:

- Total Budget/ Bond Measure/Funding Sources: Bond Measure = \$90M; Bonds Issued = \$85M (\$5M Remaining to be Issued); Additional City reserves for Project = \$10M
- Bid: Shimmick: \$60.2M; and \$9M contingency for change orders.
- Payments as of 01/31/2023: Shimmick:\$57M; Others:\$16M; Total:\$73M
- Change Orders Approved as of 01/31/2023: CCO Nos. 1-30 = \$8.8M

California Environmental Quality Act

An Environmental Impact Report was prepared for the Levee Protection Planning and Improvements Project (State Clearinghouse No.2016012012).

FISCAL IMPACT

There is no fiscal impact associated with this update.

As a separate item on tonight's agenda, staff will present for the Council's consideration, Contract Amendment No. 2 to the agreement with Tanner Pacific, Inc. The amendment will extend the construction support services through to the projected project end date of January 2024.

CITY COUNCIL VISION, MISSION, AND VALUE/PRIORITY AREA

City Council's adopted Vision and Mission Statements
Facilities and Infrastructure Priority Area

ATTACHMENTS:

Attachment 1 - Monthly Construction Manager's Report January 2023

Attachment 2 - Expenditure Report as of January 31, 2023

Attachment 3 - Memorandum and Communications Metrics - January 2023 Dashboard Report