



DATE: November 21, 2022

TO: Mayor and Members of the City Council

VIA: Stefan Chatwin, City Manager

FROM: Louis Sun, Public Works Director
Paul Nagengast, Project Advisor, Regional Government
Services

SUBJECT: LEVEE IMPROVEMENTS PROJECT (CIP 327-657) - OCTOBER
2022 - 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 work sheet.

Highlights of Project progress and pictures, since the last City Council update on October 17, 2022, are included in the attached Construction Managers Report and listed below:

- The Contractor has commenced work at Access Point 2 in Baywinds Park. This work has been coordinated with the Recreational Water Users (RWU), who use Baywinds Park to access the Bay, to

minimize impacts and construct the improvements during RWU low season use of Bay. Favorable low tides in November have provided the Contractor the window of opportunity to complete work as quickly as possible.

- Preliminary landscaping and irrigation work, including investigation of irrigation lines owned by adjacent property owners and HOA's have been completed. The Contractor has begun the installation of landscaping in Phases I and II. Much of the Contractors' operations continue to be focused within Phase 1 of the Project in order to complete work prior to regulatory agency annual required stop work date of February 1, 2023.
- The Contractor continues to work along Beach Park Boulevard. Completed and upcoming work along Beach Park Boulevard as part of Phase II includes, but not limited to, trail slope fine grading, erosion control fabric, placement of mulch, ice plant planting, construction of bay side paths and access points, earthen levee near and adjacent to Shorebird Park, streetlight foundations, irrigation and landscaping. The Contractor has nearly completed the installation of the streetlights but will still need to complete all the streetlight and electrical conductor wiring installations prior to energizing the lights.
- The Contractor is working at various access points within Phases I adjacent to Homeowner Associations and II along Beach Park Boulevard. The work located at the access points is slow and deliberate (but necessary) to meet accessible slope grades and walkway widths required by the Americans with Disabilities Act (ADA) and local Certified Access Specialists (CAsp) standards.
- Fine grading of trail subgrade and providing and compacting base material in anticipation of upcoming paving operations and decomposed granite placement on Phases I and II of the Bay trail.
- 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 concrete cap along Beach Park Boulevard as part of Phase II of the Project 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. Staff is coordinating with school officials about any proposed changes for the 2022-23 school year.

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 – April 2023*
Phase 3 Bay Trail Closure - Opening:	April 2021 – April 2023*
Project Substantial Completion:	August 2023
Project Completion:	January 2024

*Staff is anticipating a schedule update from the Contractor, which will provide more insight to the estimated substantial and final completion dates. For scheduling purposes and to update existing early estimates of trail opening dates until Contractor has provided actual trail opening updates, trail openings are to be shown for April 2023 to satisfy BCDC permit requirements. Updates to trail opening dates are not a reflection of a Project delay.

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: Forecast Expenditure = \$87M; Bond Measure = \$90M; Bonds Released = \$85M; Additional City reserves for Project if necessary = \$10M
- Bid: Shimmick: \$60.2M; and \$9M contingency for change orders.
- Payments as of 10/31/2022: Shimmick:\$54.4M; Others:\$14.4M; Total:\$68.8M
- Change Orders Approved as of 11/7/2022: CCO Nos. 1-28 = \$8.5M
- Change Orders Anticipated: To Be Determined

FISCAL IMPACT

Fiscal impacts to the Project are presented to City Council as a separate agenda item with a recommended action to take from City staff. Staff has requested an amendment to Schaaf & Wheeler Phase III contract to be authorized by City Council as a separate City Council Agenda Item for the November 21, 2022, meeting.

CITY COUNCIL VISION, MISSION, AND VALUE/PRIORITY AREA

The Levee Improvements Project is in alignment to the City Council's adopted Vision and Mission statements, in that it seeks to create a sustainable environment through infrastructure improvements for current and future generations to come. This item is also directly related to the "Facilities and Infrastructure" Value/Priority Area. The key outcome is to make substantial progress toward an improved levee on time and budget to protect the community and critical infrastructure from storms and high tide.

Attachments:

- Attachment 1 - Monthly Construction Manager's Report October 2022
- Attachment 2 - Expenditure Report as of October 31, 2022
- Attachment 3 - Memorandum and Communications Metrics - October 2022 Dashboard Report