



DATE: January 17, 2023

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

DEPARTMENT: Public Works

SUBJECT: LEVEE IMPROVEMENTS PROJECT (CIP 327-657) –  
NOVEMBER & DECEMBER 2022 - GENERAL UPDATE

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## 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 November 15, 2022, are included in the attached Construction Managers Report and listed below:

- 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 is not limited to, trail slope fine grading, placement of 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, and installation of streetlight foundations, irrigation and landscaping. The Contractor has nearly completed the installation of the streetlights along Beach Park Boulevard, but will still need to complete all the streetlight and electrical conductor wiring installations prior to energizing the lights.
- The Contractor continues to work at various access points within Phase I adjacent to homeowner associations and Phase 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.
- Paving in Phase I has been completed. The Contractor is placing decomposed granite within 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 portions of the concrete cap along Beach Park Boulevard as part of Phase II and within Phase I 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 – 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 date and obligation, not the phase trail openings. The phased trail openings are provided as early estimates but are moving targets due to nature of construction.

## 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: Forecast Expenditure = \$87M; Bond Measure = \$90M; Bonds Issued = \$85M; Additional City reserves for Project if necessary = \$10M
- Bid: Shimmick: \$60.2M; and \$9M contingency for change orders.
- Payments as of 12/31/2022: Shimmick: \$57M; Others: \$15.2M; Total: \$72.2M
- Change Orders Approved as of 12/31/2022: CCO Nos. 1-28 = \$8.5M

## 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. Any fiscal impacts to the Project will be presented to the City Council as a separate agenda item with a recommended action.

## 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 November & December 2022
- Attachment 2 - Expenditure Report as of December 31, 2022
- Attachment 3 - Memorandum and Communications Metrics – November & December 2022 Dashboard Report