



DATE: September 19, 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) - AUGUST 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 August 15, 2022, are included in the attached Construction Managers Report and listed below:

- Staff met with a City of Belmont Homeowners Association (HOA) adjacent to the Project on July 20, 2022, regarding the regulatory agencies' mitigation requirement to provide full tidal action into O'Neill Slough. The City has directed the contractor to leave the cut

- off walls in the slough to prevent full tidal action until the City of Belmont or BCDC advises Foster City to remove the walls.
- The Baffin Street Bridge is open for pedestrian and bicycle traffic and the Contractor has closed the Egress bridge location. The contractor has completed placing the Egress bridge. The Contractor will be restoring the egress bridge area in preparation for aggregate base and asphalt cement paving.
 - Preliminary landscaping and irrigation work, including investigation of irrigation lines owned by adjacent property owners and HOA's are near completion in order to prepare for the installation of landscaping in Phase I. Much of the Contractor's operations are focused on Phase I of the Project to complete work prior to regulatory agency annual required stop work date of February 1, 2023.
 - Work continues within Phase II, 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 and mulch, ice plant planting, construction of bay side paths and access points, construction of earthen levee near and adjacent to Shorebird Park, installation of streetlight foundations, irrigation and landscaping. The installation of the streetlights is nearly complete. The lights will be energized after the electrical conductor wiring installations have been completed. The Contractor will be concentrating on the land and bay access points along Beach Park Boulevard.
 - The following items of work have been completed:
 - Installation of the pedestrian bridge at Bayside Towers. Restoration of the area in preparation for the hardscape improvements and landscaping in accordance with the Project plans will follow.
 - The reinforcing steel and concrete placement for Floodwalls 1 and 2 near Mariners Point Golf Center.
 - Construction of the Shorebird Park earthen embankment (earthen levee), with the earth material stored at Sea Cloud Park.
 - The placement of approximately 3.9 miles of the 4.2 miles (92% completion) of the revised concrete cap on the sheet pile wall (CCO #9; \$110K and #10; \$932K). The concrete cap along Beach Park Boulevard as part of Phase II of the Project is complete. The concrete cap remaining to be constructed is mainly in Phase III between Baywinds Park and San Mateo Bridge and portions of Phase I. The Contractor has been providing concrete work crews

- at various retaining and floodwall locations and has not yet completed all of the concrete cap work.
- Installation of the block retaining walls related to CCO #20, which included retaining walls 2 and 4 has been completed.
- 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 2022-2023 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: Budget = \$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: Shimmick: \$49M; Others: \$14M; Total: \$63M
- Change Orders Approved: As of 09/06: CCO Nos. 1-26 = \$8.1M

- 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 been monitoring the construction contingency monies for this Project and expects that a request for additional contingency monies to be authorized by City Council will be necessary in October 2022. The request for additional contingency is within the City Council approved budget and is not a request to increase the budget. At this time, the overall project expenditures remain within budget.

CITY COUNCIL VISION, MISSION, AND VALUE/PRIORITY AREA

The Levee Improvements Project is in alignment with 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 tides.

Attachments:

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