



DATE: August 15, 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) - JULY 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 July 18, 2022, are included in the attached Construction Managers Report and listed below:

- Staff met with a City of Belmont Home Owners Association adjacent to the Project on July 20 2022, regarding the regulatory agencies mitigation requirement to provide full tidal action into O'Neill

- Slough. Discussions with the regulatory agencies are ongoing and staff will provide a verbal update on the next steps at a later date.
- 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 cement for the Egress bridge abutments for the anticipated installation of the precast bridge on August 15, 2022.
 - The Contractor continues to work within Phase III (San Mateo Bridge to the area north of Mariner's Point) of the Project. The work includes completion of concrete placement for Floodwalls 3 & 4 near Baywinds Park, embankment fill along East Third Avenue near Anchor Road, completing construction of Floodwalls 1 & 2 near Mariner's Point, excavation for Retaining wall 1 south of Baywinds Park, construction of bay-side paths along Floodwalls 5 & 8, and completion of the Lagoon outfall structure work south of Baywinds Park.
 - Progress continues for a new pedestrian bridge (AP-9) at Bayside Towers with the completion of the demolition and subgrade excavation portions. The Contractor has completed the bridge abutments for the pedestrian bridge and is scheduled to install the bridge on August 15, 2022.
 - The Contractor continues construction operations under the San Mateo Bridge in accordance with the Caltrans encroachment permit. The Contractor has completed construction of Floodwalls 25, 10 and 11 near the Bridge and Werder Pier. Grading of the base and paving operations underneath the bridge has commenced.
 - The Contractor continues to work along Beach Park Boulevard. This Phase II work includes, but is 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 will be concentrating on the land and bay access points along Beach Park Boulevard.
 - The Contractor has been advised by regulatory agencies that moving material from Sea Cloud Park in Phase I to Shorebird Park in Phase II may commence. The material stockpiled at Sea Cloud Park will be used for the earthen levee construction around Shorebird Park. The Contractor had requested approval from regulatory agencies to move

the material from Sea Cloud Park prior to September 1 since the material was located in the restricted work area of Phase I. The ability for the Contractor to commence operations for the earthen levee around Shorebird Park will allow additional floodwall work to commence subsequent to earthen levee completion.

- The Contractor has completed approximately 3.8 miles of the 4.2 miles 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 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 the concrete cap work.
- Concrete crews have been focusing on the completion of the block retaining walls related to CCO #20, which includes retaining walls 2 and 4. Significant progress has been made on retaining wall 4 with the Contractor constructing the trench drain to complete the work related to retaining wall 4. The Contractor has been providing additional resources to complete the approximately 2,000 linear feet for retaining wall 2.
- 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 will be contacting 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.

By no means are updates to trail opening dates 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 August 1, 2022: CCO #1-25 = \$5.3M
- Change Orders Anticipated: CCO #26 = \$2,809,766.91; August 15, 2022

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. Contract Change Order #26 will be presented to City Council on August 15, 2022.

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 - July 2022
- Attachment 2 - Expenditure Report as of July 31, 2022

- Attachment 3 - Memorandum and Communications Metrics - July 2022 Dashboard Report