



DATE: September 20, 2021

TO: Mayor and Members of the City Council

VIA: Kevin Miller, Interim City Manager

FROM: Paul Nagengast, Project Advisor, Regional Government Services

SUBJECT: LEVEE IMPROVEMENTS PROJECT (CIP 327-657) - 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, since the last City Council update on August 16, 2021, are listed below:

- Work continues at the Baffin Street bridge location. Foundation work for bridge is progressing in anticipation for the precast bridge. Fabrication of the precast bridge is being completed off site with expected bridge delivery and installation in end of September/October 2021.
- Staff has completed all responses to Caltrans comments for the Encroachment Permit to work in areas within the Highway 92 San Mateo Bridge rights-of-way. The permit is being routed for signatures through Caltrans offices. It is anticipated the permit will have been issued to the City from Caltrans by

September 20, 2021.

- Fencing will be installed in September and October along Lakeside Drive near the entrance to the parking area for Baywinds Park to protect construction of floodwalls in this area. Consequently, there will be some parking spots removed along an area of Lakeside Drive adjacent to the golf facility driving range. No parking spaces within Baywinds Park parking lot is affected. Recreational water users have been notified about the upcoming work as well as updates provided to the recreational water users section on the Levee Project web site.
- The earthen levee construction near Sea Cloud Park has commenced along with continuation with earthen levee activities adjacent to Shorebird Park. The City through Tanner Pacific, Inc., is providing localized monitoring of vibration from the activities near Sea Cloud Park to ensure vibration ranges are not exceeded.
- The contractor continues their construction operations for Flood Wall 19. The contractor has completed excavation and continues with ongoing foundation work (8% of total work completed). The contractor will begin the forming and steel placement for the concrete wall subsequent to the completion of the foundation work. The work at this location required the contractor to monitor vibrations to ensure vibrations are within an acceptable range of values to avoid damage to homes adjacent to the Project work area. In addition, the contractor documented and surveyed home conditions adjacent to the site to determine if any damage occurred from vibrations outside of the range of values. Tanner Pacific, Inc., continues to provide quality assurance by spot checking vibrations from the site and performed LiDAR surveys of homes.
- The contractor has completed approximately 1 mile of the 4.2 miles of the revised concrete cap for the top of installed sheet piles (CCO #10; \$932K) along Beach Park Boulevard and Phase 1 locations near Sea Cloud Park. The finished trail surface will be approximately 3.5 feet below the top of the finished concrete cap. The trail height can be seen starting to take shape adjacent to the sheet piles along Beach Park Boulevard with the completion of the lightweight concrete backfill prior to asphalt concrete and decomposed granite tail materials.
- Staff continues to monitor the Safe Routes to School plan for Bowditch Middle School and other locations that may be affected by the Project. Coordination by staff with the school personnel provides direct feedback about the dropping off and picking up of students as well as the walking and biking by students to school.

Current Schedule Timeline

Award of Contract:	July 20, 2020
Notice to Proceed:	September 28, 2020
Phase 1 Bay Trail Closure – Opening:	October 2020 – January 2023
Phase 2 Bay Trail Closure – Opening:	January 2021 -November 2022
Phase 3 Bay Trail Closure – Opening:	April 2021 – January 2023
Project Substantial Completion:	August 2023
Project Completion:	January 2024

PROJECT BUDGET AND COST/EXPENSES

In summary, 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: \$26M; Others: \$9M; Total: \$35M
- Change Orders Approved: As of 9/7: CCO #1-14 = \$4.7M
- Change Orders Anticipated: TBD

FISCAL IMPACT

There is no fiscal impact associated with this Project update. Fiscal Impacts to Project will be presented to City Council as a separate agenda item with a recommended action to take from City staff.

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 – August 2021
- Attachment 2 - Expenditure Report as of August 31, 2021
- Attachment 3 - Memorandum and Communications Metrics – August 2021 Dashboard Report