



DATE: October 18, 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) OCTOBER 2021 -  
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 September 20, 2021, are listed below:

- The City has approved Contract Change Order No. 016 to realize a \$984,245.19 credit to the Project construction contingency amount. This total amount is a result of two (2) items required in the specifications but determined to not be cost effective or necessary and provide significant cost savings to the Project contract. The first item, in the credit amount of \$954,732.19, was decided after multiple discussions disclosed requiring the anti-graffiti coating on exposed concrete surfaces does not prevent or deter graffiti and would still result in additional long-term maintenance by City staff to remove any graffiti. It was agreed the removal of this coating from the concrete surfaces would result in no

increase in maintenance effort by the City but would result in significant savings to the Project. The second item, in the credit amount of \$29,513 was decided after multiple HOAs contacted the City and expressed they would like to leave the fence uncovered or without the green privacy screen to view the water during construction, which was agreeable to City staff.

- Work continues at the Baffin Street bridge location. Fabrication of the precast bridge was completed off site with the bridge delivery and installation on September 29, 2021. There are still additional construction activities in this area (coffer dam removal, major utility relocations and installations and appurtenant work) to complete prior to opening the access to Redwood Shores/Belmont at Baffin Street and closing the 'egress' location to install the second bridge. Please see attached Construction Managers Report for picture of the bridge installation.
- 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. Progress on obtaining this permit has been very slow during the Caltrans signature sign-off process. It is hoped the permit will have been issued to the City from Caltrans by October 18, 2021.
- Staff has been successful in negotiating a lease for Caltrans property used by the contractor as a storage/staging area near Baywinds Park along E Third Avenue. Earlier estimated lease costs from Caltrans projected up to \$500,000 in Project costs for the contractor to temporarily use the land for 3 years. However, after ongoing and continued requests from staff for Caltrans to reconsider their high cost due to the benefit to be realized by the community, a nominal cost of \$200/month or up to \$7,200 for temporary use of the land for 3 years was agreed to by Caltrans.
- The contractor continues their construction operations for Flood Wall 19 (CCO #12; \$3.2M). The contractor has completed 40% of the flood wall work (materials procurement, foundation excavation, reinforcing steel installation, concrete placement and wall forming).
- The contractor has completed approximately 1.7 miles of the 4.2 miles of the revised concrete cap for the top of installed sheet piles (CCO #9; \$110K and #10; \$932K) along Beach Park Boulevard and Phase 1 locations near Sea Cloud Park. The aforementioned double heading for the concrete cap provides 400 linear feet total of cap production per week. The finished trail surface will be approximately 3.5 feet below the top of the finished concrete cap.
- Various access points from the land and to the Bay and block retaining walls can

be seen taking shape along the Project. These access points will provide connections to the trail with block walls protecting areas adjacent to levee and supporting the trail backfill material.

- 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 10/5: CCO #1-16 = \$3.8M
- Change Orders Anticipated: TBD

### FISCAL IMPACT

There is no fiscal impact associated with this Project update. Any fiscal impacts to the

Project will be presented to City Council as a separate agenda item with a recommended action to consider 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 - September 2021
- Attachment 2 - Expenditure Report as of September 30, 2021
- Attachment 3 - Memorandum and Communications Metrics – September 2021 Dashboard Report