



DATE: November 15, 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) NOVEMBER 2021 -  
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 October 18, 2021, are included in the attached Construction Managers Report and listed below:

- Work continues at the Baffin Street bridge location. Additional construction activities in this area (coffer dam removal, major utility relocations and installations and appurtenant work) have commenced and must be completed prior to opening this access to Redwood Shores/Belmont and closing the 'egress' location to install the second bridge
- While 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, and Caltrans has indicated the encroachment permit is being routed for signatures, Caltrans has focused on a Maintenance Agreement approved by City Council in July 2021, as a condition of the encroachment permit. Caltrans has provided comments regarding the maintenance agreement for staff and City Attorney to address. It is yet to be determined if and/or how much the inability to obtain the permit prior to November 2021 has affected the Project schedule.

- The contractor continues their construction operations for Flood Wall 19 (CCO #12; \$3.2M). The contractor has completed 60% of the flood wall work (materials procurement, foundation excavation, reinforcing steel installation, concrete placement and wall forming). The contractor has recently completed concrete placement for the walls.
- The contractor has completed approximately 2 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 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. The contractor has been placing lightweight concrete fill adjacent to the sheet piles for the trail installation to be provided on top of the fill. There will be periods of time when the levee wall and trail will appear to be uneven at different locations along the Project until all the work has been completed with the concrete cap and finished trail material at final specified elevations.
- The contractor has commenced the clear, grub and demolition work to prepare for Flood Walls from Anchor Rd/E 3rd Avenue (northern most Project limits) to Mariners Point Golf Center within Phase 3 of the Project. In addition, near Baywinds Park adjacent to Mariners Point the contractor has completed the safety fencing closures and commenced excavation to construct the Flood Walls near this location and at the entrance roadway (Lakeside Drive) to Baywinds Park.
- Contractor has provided additional crews to construct flood/retaining walls on the Project from Baywinds Park to Southern Project limits, concentrating work in Phase 1 prior to the restricted work requirements in 2022. Allan Block Retaining Walls are also in various stages of construction near the San Mateo Bridge and Bridgeview Park.
- The contractor will be initiating clear, grub and removal operations for the steel pedestrian bridge north of the San Mateo Bridge. The contractor will prepare the area to provide a new pedestrian bridge to meet new trail elevations in

accordance with environmentally permitted activities.

- 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: \$10M; Total: \$36M
- Change Orders Approved: As of 11/3: CCO #1-16 = \$3.8M
- 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 – October 2021
- Attachment 2 - Expenditure Report as of October 31, 2021
- Attachment 3 - Memorandum and Communications Metrics – October 2021 Dashboard Report