



DATE: March 21, 2022

TO: Mayor and Members of the City Council

VIA: Kevin Miller, Interim City Manager

FROM: Louis Sun, Public Works Director
Paul Nagengast, Project Advisor, Regional Government Services

SUBJECT: LEVEE IMPROVEMENT PROJECT (CIP 327-657)
FEBRUARY 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 February 22, 2022, are included in the attached Construction Manager's Report and listed below:

- City Council was advised on February 22, 2022, that staff would be initiating conversations with various regulatory agencies regarding the mitigation requirement to provide full tidal action into the O'Neill Slough. The attempt by the contractor in January to remove the

sheet pile coffer dam for O'Neill Slough at Baffin Street bridge caused concern with adjacent residents in City of Belmont due to the full tidal action in the slough. Until now, the tidal action had been muted due to a damaged pipe. The bridge was required to restore full tidal action in the slough as required by regulatory agencies. Staff will provide a verbal update to City Council as to the results of the discussions with the regulatory agencies to determine if muted tidal action can continue until a later date.

- The Contractor is limited to working in the Phase 2 and Phase 3 work areas between February 1 to August 31, unless nesting protocol surveys indicate there are no nesting birds in the area and the regulatory agencies concur with the findings. Huffman Broadway Group has completed its survey to determine whether there are any nesting birds within the Phase 1 work area. A few birds have been identified in the Phase 1 portion by Sea Cloud Park, however there is still potential for the Contractor to return to the area. Huffman Broadway Group is currently completing their report to the permitting agencies. Based on further analysis of the survey results, if the request of the report is to return to the area before September 1 and concurrence is received from the regulatory agencies, it is anticipated the Contractor will be able to return to work in Phase 1 in April or May 2022.
- The Baffin Street bridge has been installed. Additional work is still necessary before the bridge can be safely opened. The Contractor cannot return to this area until September 1, (or April/May if the bird nesting survey indicates minimal to no nesting birds and the regulatory agencies approve.) It is anticipated Baffin Street bridge can be opened by early Summer 2022, barring any unforeseen issues.
- The Contractor continues construction operations under the San Mateo bridge in accordance with the encroachment permit received from Caltrans. Significant progress related to flood wall 25 and 10 has been made including excavation and concrete placements of the flood walls. The Contractor will continue to complete the work for flood wall 25 and 10 and move east to complete flood wall 11.
- The Contractor has completed approximately 3.5 miles of the 4.2 miles of the revised concrete cap for the top of installed sheet piles (CCO #9: \$110K; and CCO#10: \$932K) along Beach Park Boulevard and Phase 1 locations near Sea Cloud Park.

- The Contractor continues to work on the block retaining walls related to CCO #20. Significant progress has been made on retaining wall 4 and will be completed following the construction of access point 10. Construction for retaining wall 2 has begun.
- 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

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 = \$85M Bond Measure = \$90M; GO Bonds Sold = \$85M; Additional City reserves for Project if necessary = \$10M
- Construction Contract: Shimmick: \$60.2M; Contingency: \$9M
- Expenditures: Shimmick: \$43M; Others: \$11M; Total: \$54M
- Change Orders Approved: As of 3/08: CCO #1-20 = \$4.2M
- Change Orders Anticipated: TBD

FISCAL IMPACT

There are no fiscal impacts associated with this Project update.

At an April 2022 City Council meeting, staff will present for the Council’s consideration, Contract Amendment No. 3 to the Phase III Schaaf & Wheeler

contract. This amendment will address additional out of scope work including, but not limited to, iterative communication over an 18-month period to secure a Caltrans encroachment permit, performance of additional protocol surveys and biological monitoring, drawing revisions to incorporate the trail and sheet pile wall re-alignment near Swordfish Street along Beach Park Boulevard, drawing revisions to meet accessibility requirements, additional communications and meetings to address recreational water user requirements, street lighting reviews, corrosion monitoring during construction, and potential preparation of design solutions to continue muting of the full tidal action at O'Neill Slough. A detailed staff report will be presented by staff in April.

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 - February 2022
- Attachment 2 - Expenditure Report as of February 28, 2022
- Attachment 3 - Memorandum and Communications Metrics - February 2022 Dashboard Report