



DATE: May 16, 2022

TO: Mayor and Members of the City Council

VIA: Edmund Suen, Interim City Manager

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

SUBJECT: LEVEE IMPROVEMENTS PROJECT (CIP 327-657) - APRIL 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 April 18, 2022, are included in the attached Construction Managers Report and listed below:

- Staff is continuing conversations with various regulatory agencies regarding the mitigation requirement to provide full tidal action into O'Neill Slough. Staff will provide a verbal update to the City Council

when known as to the results of the discussions with the regulatory agencies to determine if muted tidal action can continue until a later date.

- Huffman Broadway Group completed and submitted protocol bird nesting surveys to the regulatory agencies (United States Fish and Wildlife Services (USFWS), California Department of Fish and Wildlife (CDFW), and San Francisco Bay Conservation and Development Commission (BCDC)) to determine if any rail bird nests were identified near the Project work areas in the restricted Phase 1 portion. On May 2, 2022, the City received authorization from the regulatory agencies to resume work within a specific segment of Phase I from the southern end of Project to Station 270+00 (Gateshead Park). The remaining portion from Gateshead Park to Shorebird Park will remain restricted until September 1st due to observed birds, similar to the 2021 authorization.
- The Baffin Street Bridge has been installed. Additional work is still necessary before the bridge can be safely opened. Construction may resume in this section of Phase 1, as no nesting birds were found in this area. It is anticipated Baffin Street Bridge can be opened by 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. Progress related to flood wall 25 and 10 continues to be made. The Contractor has moved easterly to complete subgrade excavations and will initiate forming and placing concrete for Floodwall 11 footings near Werder Pier.
- The Contractor continues to work along Beach Park Boulevard including, but not limited to, constructing land side access points and associated flat work, constructing street light foundations and installation of water irrigation mains for landscape maintenance.
- 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 continues to work on the block retaining walls related to CCO #20, which include retaining walls 2 and 4 that extend along the Bayside Towers property in Phase 3. Significant progress has been made on retaining wall 4 and will be completed following the

construction of access point 10 near the San Mateo Bridge next to Bayside Towers parking lot. The Contractor is 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. 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 = \$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: \$43M; Others: \$11.8M; Total: \$54.8M
- Change Orders Approved: As of 5/02: CCO #1-22 = \$4.7M
- Change Orders Anticipated: TBD

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.

While there are no fiscal impacts requiring City Council approval associated with this Project update, staff will be presenting to City Council for approval at

a future City Council meeting a construction contract change order. This change order is necessary due to a change in backfill limits and material to facilitate the use of originally specified Lightweight Cellular Concrete (LCC). Additional cement was necessary to be added to the LCC mixture for higher dry densities in the backfill behind the levee. A detailed staff report will be presented by staff at a future City Council meeting.

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 - April 2022
- Attachment 2 - Expenditure Report as of April 30, 2022
- Attachment 3 - Memorandum and Communications Metrics - April 2022 Dashboard Report