



DATE: August 16, 2021

TO: Mayor and Members of the City Council

VIA: Peter Pirnejad, 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

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 July 19, 2021, are listed below:

- Work continues at the Baffin Street bridge location. There has been coordination with PG&E to temporary cut/cap gas line for alignment of the new gas line as well as placement of bridge brackets on bridge. Foundation work for bridge is progressing in anticipation for the precast bridge. Fabrication of the precast bridge is being completed off site.
- Staff continues responding to Caltrans comments in order to obtain a 'no fee' Encroachment Permit to work in areas within the Highway 92 San Mateo Bridge rights-of-way. The City Council authorized the City Manager on July 14 to execute a maintenance agreement as one of the conditions for permit issuance

by Caltrans. However, with minimal progress toward permit issuance a meeting was requested by Councilmember Hindi between City staff and State Senator Becker and Assemblyman Mullin staff to request assistance with Caltrans process for the City to obtain the permit. As of August 4, all comments and conditions requested by Caltrans have been completed and the permit package is complete and submitted to Caltrans. It is hoped permit issuance will be very soon. The contractor will commence operations under the San Mateo bridge as soon as the permit has been issued to the City.

- The amount of credit to be realized on the Project contract amount for the deletion of graffiti coating on exposed concrete wall surfaces will be \$954,732.19.
- The contractor has been facilitating work and has commenced construction of floodwalls in Phase 2 of Project (Shorebird Park to San Mateo Bridge) and the earthen levee adjacent to Shorebird Park.
- The contractor continues their construction operations for Flood Wall 19. The contractor has completed excavations and begun foundation work (5% of work completed). The work at this location requires 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 is required to document and survey home conditions adjacent to the site to determine if any damage occurred from vibrations outside of the range of values. Tanner Pacific, Inc., is providing quality assurance by spot checking vibrations from the site and performing LiDAR surveys of homes.
- The contractor has completed approximately $\frac{3}{4}$ 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. Trail height can be seen starting to take shape adjacent to the sheet piles near Gull Street with the completion of the lightweight concrete backfill prior to asphalt concrete and decomposed granite tail materials.
- Staff has met with Bowditch Middle School officials to discuss safe routes to and from school regarding the fall 2021 full opening of the school on August 12. Staff provided recommendations for parental driving and student bicycle riding and walking to and from the school to minimize use of Beach Park Boulevard as much as possible. The school principal from Bowditch Middle School was a panelist on the Levee Project Forum on August 5.
- Staff has sent an informational flyer regarding the school opening and the

suggested Safe Routes to School for Bowditch Middle School students beginning the first day of school on August 12 to all of the homes (single family) on the detour route to inform them of the increased traffic during the school drop off and pick up times. In addition, an email was sent to all the property managers of the multi-family complexes along the route. There was a press release link about the Safe Routes to Bowditch Middle School included on the City Levee website. And, Bowditch Middle School advised staff a flyer was included in the school newsletter about the beginning of the new school year and suggested Safe Routes to utilize to and from school during the Levee Project.

- The City's 5th Levee Project Information Forum was held on Thursday August 5. The forum included information relevant to school opening on August 12 and associated safe routes through the construction area of the Project as well as answering any other Project related questions.
- The July 2021 Communication Dashboard Report is attached to this report.

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. The expenditure spread sheet as of July 31, 2021 is attached to this report.

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: \$25.9M; Others: \$8.9M; Total: \$34.8M
- Change Orders Approved: As of 7/31: CCO #1-15 = \$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 – July 2021
- Attachment 2 - Expenditure Spread Sheet as of July 31, 2021
- Attachment 3 - Communications Metrics – July 2021