



Staff Report

TO: Board of Harbor Commissioners

FROM: John Moren, Director of Operations
THRU: James B. Pruett, General Manager

DATE: April 20, 2022

SUBJECT: Pillar Point Harbor West Trail Living Shoreline Project Update and Construction Change Order/Quantity Overruns Consideration

Requested Action/Issue:

Consider approval of construction Change Order and Quantity Overruns.

Recommendation/Motion:

Motion: Approve the West Trail Living Shoreline Project construction Change Orders and Quantity Overruns totaling \$58,578.06, for a new total final project construction cost of \$2,335,672.66.

Policy Implications:

Consistent with the District's ongoing efforts to provide long term stability, functionality and safe public use of the West Trail while protecting natural resources and guaranteeing access for emergency vehicles.

Background/Discussion:

Since 2012 the District has been working to protect the eroded West Trail shoreline. Design/engineering consultant GHD was contracted to develop the plans. Pursuant to direction from the District Board of Harbor Commissioners and California Coastal Commission in August of 2019, District consultant GHD re-evaluated the alternatives with an emphasis on a Living Shoreline approach with minimal hard armoring.

SUBJECT: PPH West Trail Living Shoreline Project



The upper concrete swale located on top of the adjacent bluff was also addressed. The concrete swale channels rainwater from the bluff top to the mouth of a down pipe which was replaced and covered. The upper swale now directs rainwater to a nearby natural marsh wetlands.

The project Invitation for Bid for actual construction was solicited and low bid of \$2,070,086 was approved, with a 10% contingency totaling an approved project amount of \$2,277,094.60, by the Board of Harbor Commisisoners on August 18, 2021. The approved contractor, Michael Roberts Construction, Inc. has now nearly completed the project.



SUBJECT: PPH West Trail Living Shoreline Project



During the last phases of construction it was determined that additional quantities of materials and work would be needed, e.g., additional sand, reinforcement of the headwall footing, installation of erosion control blankets in the bioretention basin to protect bioretention soil from erosion because native vegetation planting had to be postponed due to need to wait for rainy season, installation of additional decomposed granite on the trail between the project area and the parking lot, demolition/removal/backfill of unanticipated storm drain catch basin structure at the bottom of the corrugated metal storm drain pipe, and addition of resurfacing the entire parking lot. This additional work was not included in the previously approved total project cost of \$2,277,094.60 (including 10% contingency). Therefore, staff request the Board to consider approval of the attached Change Order and Quantity Overruns for an amount of \$58,578.06 over the previously approved contingency amount, bringing total final project cost to \$2,335,672.66. Due to the fact that delaying approval of the additional \$58,578.06 would cost the District over \$1000/day, the General Manager executed the Change Order under his emergency procurement authority.

Summary/Recommendation:

Staff recommends the Board approve the West Trail Living Shoreline Project construction Change Order and Quantity Overruns totaling \$58,578.06, for a new total final project construction cost of \$2,335,672.66.

Attachments:

- Change Order
- Quantity Overruns