



STAFF REPORT

TO: Board of Commissioners
FROM: Chris Munson, Facilities Manager
DATE: November 15, 2022
SUBJECT: Breakwater Project Update

Recommendation

Receive and file update report.

Discussion

Per Board direction, summarized below is an update for the Breakwater Repair project:

US Army Corps of Engineers Breakwater Project Overview:

Repairs will be made to approximately 1500 linear feet of the breakwater between Whalers Island and the head section. The proposed repairs will entail the removal and resetting of existing armor stone and placement of new 15-20 ton armor stone. The intent is to repair the damaged sections to authorized design specifications, including a crest elevation of +16 feet MLLW, on the harbor side slope from the seabed to the crest.

Summary of Project work completed in 2022:

- Connolly Pacific was awarded the contract, and work began on June 22nd.
- Access excavation was completed, and sediment was relocated to the placement site, east of Smith Island
- Approximately 425 linear feet of the breakwater repair has been completed to date (STA 4+00 to 8+25), about 30%
- Approximately 4000 tons of new armor stone placed
- Approximately 900 existing armor stone was reset
- 1 partial barge load of approximately 300 tons of existing armor stone was successfully returned to the designated placement site offshore from Morro Rock. It is unknown how many more barge loads of stone will be returned next season
- Connolly Pacific expects the second season of work to run from the beginning of June to the end of August, potentially September
- The original Contract Performance Period was 380 days (10/15/21-10/29/22) but was extended through October 2023
- Connolly Pacific demobilized and departed Port San Luis on October 13th, ending work for the 2022 season.