



Staff Report

To: Harbor Board of Commissioners

From: Jim Pruet
General Manager

Subj: CAP Section 111 Request to the Army Corps of Engineers

Issue:

The issuance of a letter to the Army Corps of Engineers.

Recommended Motion:

Authorize the General Manager to sign and cause to have issued the letter to Lt. Col. Kevin P. Arnett, Army Corps of Engineers dated February 15, 2023, requesting the assistance of the U.S. Army Corps of Engineers under Section 111 of the River and Harbor Act of 1968, as amended, in mitigation to shore damage attributable to Navigation works in Pillar Pont Harbor on the San Mateo County coastline.

Financial Impact:

For Feasibility Study:

- The study is initiated with up to \$100,000 in federal funds.
- Costs exceeding \$100,000 in Federal expenditures, the District is liable for 50% cost share.
- Sponsor's cost share may include cash, work-in-kind or a combination of both.

For Design and Construction:

- The same percent of project design and construction costs that were established for the Outer Breakwater project.
- Sponsor's cost share includes credit for provision of required LERRs and pre-approved work-in-kind.

The maximum federal expenditure per project under Section 111 is \$10 million, including feasibility study, design and construction.

Background/Discussion:

The 2015 Northern Half Moon Bay Section 111 CAP Study conducted by the Corps should be revised based on expanded information and demonstrated damage caused by the Federal navigation works. While the 215 study focused on Surfers Beach and the damage caused by the installation of the breakwater in 1960, a new study is needed

to re-address Surfers Beach, and the other beaches in Pillar Point Harbor that have suffered increased erosion due to the breakwaters. The beaches include the West Trail Beaches on the western edge of the Harbor, as well as the beach abutting Princeton by the Sea.



Section 111 of the River & Harbor Act of 1968 (PL 90-483) as amended, (also known as “Section 111 under the Continuing Authorizes Program”), authorizes the U.S. Army Corps of Engineers (Corps) to study, design & construct projects for prevention or mitigation of erosion damages to public or privately owned shores along the coastline when the damages are a result of a Federal navigation project.

Work conducted under Section 111 is not intended to restore shorelines to historic dimensions, but only to reduce erosion to the level that would have existed without the construction of a Federal navigation project.

The costs of implementing measures under this section must be shared in the same proportion as the cost sharing provisions applicable to the project causing the shore damage.

Upon receipt of a written request, and when funding is available, the Corps initiates a preliminary analysis, at federal expense, to determine if a potential project meets program requirements and federal participation is justified. If a federal interest is verified, a feasibility study is conducted that identifies and comprehensively evaluates alternatives and recommends a plan for implementation. If the feasibility study cost exceeds \$100,000, the Corps and District will sign a Feasibility Cost Share Agreement and a project management plan that describes the study cost share arrangement, feasibility study scope, schedule, and study cost estimate.

A project is approved for construction if the detailed feasibility study determines it is technically feasible, environmentally acceptable, and economically justified. Before engineering design and construction can begin, the Corps and District negotiate and sign a Project Partnership Agreement that describes the cost share arrangement and operations and maintenance responsibilities.

Once the attached letter is signed, the District, working with and in coordination with OneShoreline, will arrange for a joint meeting with the Corps to discuss the study further and define the potential parameters of the study.

The attached draft letter is based on a template provided by the Army Corps in requesting a 111 study.

Recommended Motion:

Authorize the General Manager to sign and cause to have issued the letter to Lt. Col. Kevin P. Arnett, Army Corps of Engineers dated February 15, 2023, requesting the assistance of the U.S. Army Corps of Engineers under Section 111 of the River and Harbor Act of 1968, as amended, in mitigation to shore damage attributable to Navigation works in Pillar Pont Harbor on the San Mateo County coastline.

Attachments:

- 1) [February 15, 2023 Letter to Army Corps](#)