



# Staff Report

**TO:** Board of Harbor Commissioners

**FROM:** John Moren, Director of Operations

**THRU:** James B. Pruet, General Manager

**DATE:** April 15, 2020

**SUBJECT:** Surfers Beach Restoration Pilot Project Update and Proposal

## **Requested Action/Issue:**

Receive an update presentation from consultants and consider proposal for continued design and permitting assistance on the Surfers Beach Sand Replenishment Pilot Project and approve increase in Capital Expenditure Appropriations of \$64,500 to be funded by available working capital.

## **Recommended Motion:**

Motion: Approve a proposal from consultant Damitz for an amount not to exceed \$64,500, and increase the Capital Expenditure Appropriations by the same, to complete project management and long-term permitting work associated with the Surfers Beach Restoration Pilot Project.

## **Policy Implications:**

Consistent with the District's goal to use excess sediment build-up from within the Harbor for beneficial re-use on Surfers Beach.

## **Background:**

The goal of the Surfers Beach Restoration Pilot Project is to remove sediment which has built up inside the Pillar Point Harbor (PPH) outer breakwater and move it to Surfers Beach for beneficial re-use. In addition to addressing coastal erosion and public access issues at Surfers Beach, this project would also address the issues associated with the shoaling that has occurred inside of the Harbor since the outer breakwater was constructed.

Surfers Beach has suffered from significant beach erosion attributed, at least partly, to the construction of the PPH breakwater. The Board of Harbor Commissioners approved this pilot project at the October 7, 2015 meeting. Pursuant to that approval, the District executed an agreement with consultant Bradley Damitz for phase one, which is to obtain grant funding to support beach replenishment at Surfer's Beach in the amount of \$50,000. Consultant Damitz was able to successfully apply for funding through the OPC for the necessary planning, engineering and design, environmental studies, and regulatory compliance/permitting to cover project management costs to date

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(approximately \$26K is currently remaining from the OPC grant funds). The Board approved the acceptance of the \$75,000 OPC grant at the October 2016 Board meeting.



*Photo showing the proposed Surfers Beach placement area*

Damitz was able to successfully obtain a grant from the Division of Boating and Waterways (DBW) for \$800k for project construction and monitoring costs. This includes sediment placement on Surfers Beach of up to 75,000 cubic yards of clean sand excavated from inside the outer breakwater at Pillar Point Harbor. It will also fund a physical and ecological monitoring program during and after the construction phase to meet requirements of permitting agencies and to gather additional data that could be used in designing an ongoing opportunistic beach nourishment program.

Since the initial contract was issued in 2015 Damitz has led the project management, coordinating with District staff and contractors to accomplish the following:

- Secured grant funding for the project totaling \$875,000.
- Collaborated with GFNMS to identify acceptable project parameters.
- Identified all permitting requirements and conducted permitting workshops and site visits.
- Coordinated with USACE to model a variety of project design scenarios

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- Identified a project design preferred alternative and worked with engineers to develop permitting level design plans.
- Conducted extensive stakeholder outreach including more than 12 presentations.
- Developed RFPs for engineering and sediment sampling and analysis services and issued contracts for services.

However, additional work needs to be completed to move the project forward through the planning process and implementation, as detailed in the attached proposal from Damitz. In addition to the prior project management fees, other costs to date for the project include:

- Contract to Kinnetic Labs Inc. for \$31,000 for sediment sampling and analysis
- Contract to ESA for engineering services for \$105,000.

On April 17, 2019 the Board approved an additional \$56,000 consultant Damitz required. Damitz also brought to the Board's attention that eel grass mitigation might be required, along with bathymetric and beach profile surveys, which may require additional soft cost funding.

Consultant Damitz requests Board consideration for an additional \$64,500 to continue stakeholder collaborations, public outreach, permitting and public agency consultation, Environmental documentation, further work on the Project Monitoring Plan, other project management tasks, invitation for bids docs and to further explore Project funding sources, as outlined in the attached proposal.

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**Attachments:**

- [Surfers Beach Project PPT Update Presentation](#)
- [Damitz Proposal, Surfers Beach Restoration Pilot Project](#)