



## Staff Report

**TO:** Board of Harbor Commissioners  
**FROM:** John Moren, Director of Operations  
**DATE:** February 15, 2017  
**SUBJECT:** Progress Update, Surfer's Beach Replenishment Pilot Project

**Recommendation/Motion:**

Information only.

**Policy Implications:**

Harbors and Navigation Code 6075 empowers the District to operate harbor works and facilities. Consistent with Resolution 48-15 to plan and implement the Surfers Beach Nourishment Pilot Project, addressing ongoing coastal erosion which will use excess sediment build-up from within the Harbor for beneficial re-use elsewhere for beach replenishment.

**Fiscal Implications/Budget Status:**

None at this time. Board authorized Ocean Protection Council (OPC) grant funding for the Surfer's Beach Replenishment Pilot Project at the October 2016 Board meeting. Any expenditure of District Funds would be brought before the Board, as that would be outside of the original approval of this project.

**Alternatives Considered:**

- 1) Our consultant will continue to pursue additional grant funding as is necessary and appropriate for this project.

**Background/Discussion:**

The goal of the Surfer's Beach Replenishment Pilot Project is to remove sediment which has built up inside the Pillar Point Harbor (PPH) outer breakwater and move it to Surfer's Beach for beneficial re-use.

Surfer's Beach has suffered from significant beach erosion attributed, at least partly, to the construction of the PPH outer breakwater. The Board of Harbor of

Commissioners approved this pilot project at the October 7, 2015 meeting. Pursuant to that approval, the District executed an agreement with consultant Bradley Damitz to obtain grant funding to support beach replenishment at Surfer's Beach. Consultant Damitz was able to successfully apply for funding through the Ocean Protection Council (OPC) for a portion of the necessary planning, engineering and design, environmental studies, and regulatory compliance/permitting. The Board approved the acceptance of the \$75,000 OPC Grant at the October 2016 Board meeting, but the final OPC Grant documents are still being finalized. However, the total soft costs are estimated to be between \$150k and \$200k.

The Division of Boating and Waterways (DBW) is another source of grant funding for project hard costs. In February 2016, the District submitted a grant application to DBW for \$800,000 to fund all project construction and monitoring costs. This includes sediment placement on Surfers Beach of approximately 50,000 to 75,000 cubic yards of clean sand excavated from inside the outer breakwater at Pillar Point Harbor. It would also fund a physical and ecological monitoring program to measure success and possible environmental impacts, 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. This project would also address the issues associated with the shoaling that has occurred inside of the Harbor since the outer breakwater was constructed. The District's grant request was recommended for funding by DBW and consequently, is included as a line item in the Governor's proposed 2017/2018 budget released in January 2017. We will know whether or not the District will receive the \$800K funding when the State Legislature passes the budget bill and the Governor signs the final budget in June 2017.

**Summary/Recommendation:**

Information only.

**Attachments:**

[Consultant's project update Power Point presentation.](#) (saved as pdf)