

CITY OF SANTA BARBARA WATERFRONT DEPARTMENT

MEMORANDUM

Date: February 16, 2012
To: Harbor Commission
From: Scott Riedman, Waterfront Director
Subject: **Facilities Management Report**

Launch Ramp Project

Reconstruction of the easterly section of the launch ramp began last week. Funded by a \$450,000 Boating Trails grant from the Department of Boating and Waterways, the improvements currently under construction are designed to serve non-motorized vessels such as kayaks, SUPs, sailing dinghies, and small outrigger canoes. Six bids were received with Shaw Contracting submitting a low bid of \$375,625. The improvements were designed by Moffat & Nichol, Inc. and include complete replacement of the 1960s vintage concrete with a non-skid surface that provides traction for vehicles to launch trailers, but not too coarse to walk on. A low freeboard dock is also included in the design to facilitate launching non-motorized vessels.

Demolition of the existing concrete will take approximately one week with grading and preparation for the new concrete ramp scheduled for completion by the end of February. Most of the new ramp is comprised of pre-cast panels placed on grade with a crane. A new apron at the top of the launch ramp will be cast in place with a small abutment placed on top to access the new docks. Fiberglass docks with a freeboard of approximately 6" will be installed last, completing the project. The new ramp should be open to the public by the middle of April in time for the busy boating season.

Marina 2 Redecking Project

Facilities staff continue to make good progress on the Marina 2 Redecking Project. This project started in 2008 and all of the 45' and 35' fingers have been replaced. The remaining 25' fingers are scheduled to be replaced by the end of February. Several new concrete floats were ordered to allow construction of each finger in the maintenance yard prior to removing the old finger. The fingers are launched and retrieved with the innovative trailer designed and constructed by facilities staff, eliminating the need to hire a crane. Standard drawings have been prepared for each dock length and labor and material costs are being tracked. As staff becomes more efficient, the cost per square foot to replace a dock has decreased dramatically and appears very cost effective compared to outside contractor rates for similar work. Upon completion of the 25' fingers, staff will begin replacing some of the 20' fingers this year. The remaining 20' finger docks should be replaced in FY 2013 resulting in a 5-year replacement of every finger dock in Marina 2.

Stearns Wharf Heavy Timber and Pile Replacement

Two bids were received for the Stearns Wharf Annual Pile Driving project with Cushman Contracting Corporation submitting a low bid of \$123,000. The Stearns Wharf project includes replacement of 16 wooden piles, 2 splice piles, 170' of pile cap, 56 stringers, and 400 deck boards. The majority of the work will occur in the roadway requiring night work in order to keep the wharf open during the day. Construction is scheduled to begin February 20 allowing the contractor to include additional work as necessary due to winter storms with completion of the entire project expected by the middle of March.

The Waterfront's Capital Improvement Program (CIP) includes \$300,000 every year for heavy timber and pile replacement on Stearns Wharf. Emergency repairs to damaged piles under the Harbor Restaurant were completed earlier this fiscal year. In addition to the emergency work and the construction contract with Cushman, heavy timber materials were purchased separately by the Department expending the majority of the budget for the first time in several years.

Prepared by: Karl Treiberg, Waterfront Facilities Manager