

## CITY OF SANTA BARBARA WATERFRONT DEPARTMENT

### MEMORANDUM

**Date:** November 19, 2015  
**To:** Harbor Commission  
**From:** Scott Riedman, Waterfront Director  
**Subject:** **Facilities Management Report**

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#### **FEDERAL CHANNEL DREDGING**

Fall cycle dredging of the Federal Channel is scheduled to begin December 2. The dredge contractor, Pacific Dredge, began mobilization in early November by reestablishing the dredge yard on West Beach and re-commissioning the dredge. The dredge pipe will be reinstalled across the harbor and the discharge will be located on East Beach opposite the Cabrillo baseball field. Pacific Dredge recently made major upgrades to the dredge at their facility in San Diego with the expectation that production and reliability will be greatly improved.

Pacific Dredge assumed the remainder of the 3-year contract with the Corps held by AIS Construction Co. This is the final year of the contract which allows for dredging 120,000 c.y. of sand for both the fall and spring cycles. The Corps is updating its Environmental Assessment of the project including current sediment sampling and applying for new permits from a variety of regulatory agencies. Upon completion of the Environmental Assessment and the spring cycle dredging, the Corps will solicit bids for another 3-year contract during the summer of 2016.

The President's FY 2016 budget includes a \$2,760,000 appropriation for dredging Santa Barbara Harbor. This is more than previous appropriations and allows for preparation of the Environmental Assessment and solicitation of a bid for a new 3-year contract. Congress recently approved a 2-year budget with appropriated funds for FY 2016. The FY 2017 budget details are unknown at this time.

#### **WEST BEACH SAND MANAGEMENT**

In 2010, Santa Barbara County Parks Department (County) and the Waterfront Department coordinated on a project to bring excess sand from West Beach to renourish the eroded Goleta Beach. Two methods were used at the time, trucking sand and transporting sand via a floating barge.

Goleta Beach has once again eroded and the County may need to import sand to protect recreational resources at the beach. West Beach gradually accrues sand during southeasterly conditions and there is a surplus of sand that is available to the County. At this time, the County is exploring a variety of options for the importation of sand with the possibility of exporting 20,000 c.y. of sand from West Beach. The preferred method would

be to truck sand to Goleta Beach excavated from the intertidal area just off West Beach. This is similar to the operation conducted in 2010 and is allowed under the Waterfront's permits for its Sediment Management Plan (SMP). The SMP identifies ideal contours for all of Santa Barbara's beaches which allows the City to import or export sand as necessary to achieve the ideal beach configuration. Ideal contours for West Beach maintains a quiet water area within the wave shadow of the breakwater.

Sediment sampling at West Beach was recently conducted in conjunction with the Corps sediment sampling. Once the sediment is analyzed for compatibility with West Beach, the County may complete the required pre-project notification with a variety of regulatory agencies and solicit bids for the work. With the exception of sediment sampling, this project will be funded by the County. The Harbor Commission, Waterfront tenants, and boaters will be updated if this project comes to fruition.

## **MARINA ONE REPLACEMENT PROJECT – PHASE 6 CONSTRUCTION**

Construction of the Marina One Replacement Project – Phase 6 is scheduled to begin in January 2016. The contractor, Bellingham Marine Industries (BMI), is under contract to construct Phases 5 through 8 and recently completed shop drawings for the remaining phases although only one phase will be constructed per year. Phase 6 construction includes the complete replacement of "H" and "I" fingers. The project includes installation of new concrete docks, electrical system, dock boxes, power centers, domestic and fire water systems. Significant work on the utility system was completed during Phase 1 along the main headwalk in anticipation of building out future phases with the expectation that the duration of construction during future phases would be minimized.

Similar to the recently completed Phases 2 through 5, construction consists of three main tasks: demolition, dock installation, and utility installation. A considerable amount of pre-project planning has gone into Phase 6 with the expectation that construction will be completed in 5 – 6 weeks, including the time necessary to relocate vessels. The bid amount for Phase 6 is \$1,496,702 and is funded with a loan from the Division of Boating and Waterways.

Prepared by: Karl Treiberg, Waterfront Facilities Manager