

CITY OF SANTA BARBARA WATERFRONT DEPARTMENT

MEMORANDUM

Date: May 18, 2017
To: Harbor Commission
From: Scott Riedman, Waterfront Director
Subject: **Facilities Management Report**

STEARNS WHARF PROJECTS

Two construction projects are scheduled for Stearns Wharf by the end of FY2017; the Annual Pile Driving Contract and reconstruction of the crosswalk at the foot of the wharf.

Annual Pile Driving Contract

Underwater inspections of Stearns Wharf were recently completed with staff identifying several locations where support piles need to be removed, repaired, and/or replaced. This year's scope of work for the annual pile driving contract includes installation of 12 wooden piles, four splice piles, 30' of pile cap, stringers, and deck boards. The identified work is less than typical for a pile driving contract especially considering the harsh winter and frequency of large swells last winter that deposited enough sand in the channel entrance to partially close the harbor. The majority of the work will occur in the vicinity of the wye, the widest part of the wharf which is the most difficult to inspect and maintain. The project also includes partial reconstruction of the sewer lift station located under the maintenance office. All three of the lift stations are located well below the deck and are constantly exposed to wave action. Maintaining the structural integrity of the lift stations is vital for these essential utilities. All piles located in the roadway are typically driven at night allowing the wharf to remain open during business hours.

The pile driving contract costs include mostly labor with all material provided by the Waterfront. An inventory of wooden piles, splice piles, caps, stringers, and deck boards is kept on hand throughout the year. The inventory is replenished as necessary depending on the scope of the annual pile driving contract and generally consists of enough material to reconstruct three full bents of the roadway in case of emergency. A pre-bid job walk was held last week with several experienced local contractors in attendance. Bids open March 16 and construction is expected to begin shortly thereafter. All work on the Stearns Wharf structure is included in the Waterfront's FY2017 Capital Improvement Program for \$400,000.

Stearns Wharf Crosswalk

The final task associated with the Cabrillo Boulevard Bridge Replacement Project is the reconstruction of the crosswalk at the foot of Stearns Wharf. There is a tremendous amount of pedestrian and vehicle traffic at the foot of the wharf and the existing

crosswalk is in poor condition. The existing crosswalk is asphalt and the sidewalk approach is concrete with many trip hazards. Waterfront staff has worked with Public Works Engineering and Streets Divisions to design a concrete crosswalk with new approaches to a better accommodate all the foot traffic in this area.

Like any project at the foot of the wharf, coordinating construction with public access to the wharf can be a challenge. Staff will work with the contractor to schedule construction in phases to ensure at least one lane is open for vehicular traffic entering and exiting the wharf. Parking staff demonstrated their ability to manage pedestrian and vehicle traffic with limited access during replacement of the kiosk and will be available to do so again. Construction of the crosswalk is scheduled to occur in June and take approximately one week to complete ending two years of constant construction at the foot of the wharf.

Prepared by: Karl Treiberg, Waterfront Facilities Manager