

CITY OF SANTA BARBARA WATERFRONT DEPARTMENT

MEMORANDUM

Date: February 21, 2019
To: Harbor Commission
From: Scott Riedman, Waterfront Director
Subject: **Facilities Management Report**

Stearns Wharf Heavy Timber and Pile Replacement

Underwater inspections of Stearns Wharf are complete with staff having identified necessary structural upgrades. There are over 1500 wooden piles supporting the wharf, 500 of which are inspected every year. The inspections covered the wharf from the beach (bent 26) out beyond the wye (bent 72). The piles in this area receive the most damage from breaking waves and this year's inspections identified significant damage to many piles in the surf zone. This year's scope of work for the annual pile driving contract includes removal and installation of 35 piles, 25' of pile caps, 20 stringers, and 1500 sq. ft. of deck boards. The last time piles were replaced in this area was 2014.

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. The project was recently put out to bid with Cushman Contracting submitting a low bid of \$150,000. Work is scheduled to begin February 25 with mobilization and preparation for pile driving. Piles located in the roadway are typically driven at night allowing the wharf to remain open during business hours. Nearby residents and hotels are notified of the schedule and pending night work. All work on Stearns Wharf is included in the Waterfront's FY2019 Capital Improvement Program for \$425,000.

Prepared by: Karl Treiberg, Waterfront Facilities Manager