



**VORTEX MARINE CONSTRUCTION, INC.**  
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## Waterfront Improvements at USCG Station Alameda



**OWNER: US Coast Guard**

**LOCATION: Alameda, CA**

**CONTRACT VALUE:  
\$2,016,000**

**VORTEX ROLE: Prime  
Contractor**

**PROJECT SCHEDULE:  
March 2007 to January 2008**

### Project Description

Vortex was awarded this prime contract with the USCG to rehabilitate the Coast Guard's cutter pier in Alameda, California. The work included marine demolition, significant reinforced concrete pile restoration and cathodic protection, spalling repair and crack injection of the structural concrete deck, caps and beams, installation of a hybrid driven steel pile/ timber panel/ pneumatic fender system, installation of new mooring bollards, installation of a mono-pile mooring dolphin with concrete cap and catwalk, and fabrication of new steel stanchions and gangways.

Work activities were phased to allow for active ship traffic and mooring with the Coast Guard, and safety and security were utmost concerns throughout the project, with much of the construction taking place underwater. This project was delivered ahead of schedule with no work related injuries.

