

U.S. Coast Guard Southern California Aids to Navigation (AtoN) Repair, San Pedro Bay and San Diego Bay, California

Services during the repair of several Aids to Navigation (AtoN).

Project Overview

Sustainable Group key personnel performed on-site construction services during the repair of several Aids to Navigation (AtoN) throughout the Southern California Area.

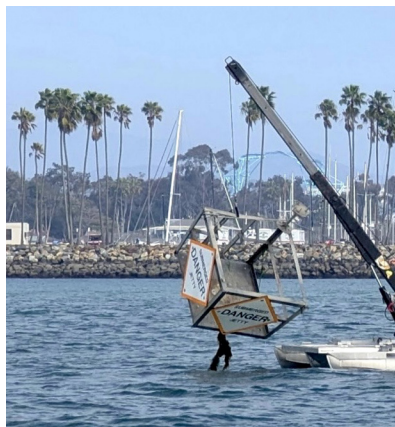
Reference

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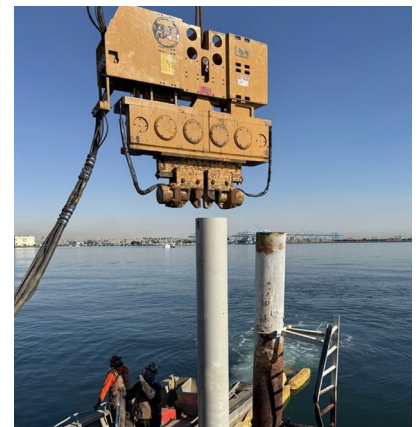
Project Description

The U.S. Coast Guard is the agency responsible for maintaining aids to navigation on U.S. waterways. Due to the severe marine environment these aids are most often located in, they require regular maintenance and even replacement if the corrosion experienced is severe enough. This project required the provision of all labor, materials and equipment to repair fourteen aids under the Base Bid for this project. Specific elements of work included:

- Channel Islands Harbor Breakwater South Light 1: Clean all rust and debris from the steel pile structure. Epoxy coat per specification. Install dayboards, light, basket, safety climb device and ladder components.
- LA Outer Harbor Light "A": Remove existing steel structure. Construct single-pile steel structure with reduced header system. Install dayboards, light and ladder components.
- LA Outer Harbor Light "B": Remove existing steel structure. Construct single-pile steel structure with reduced header system. Install dayboards, light and ladder components.



Retrieval of Sunken Aid



Vibratory Hammer of New Pile



Helicopter Hoist Preparation



Helicopter Placement of New Aid

- LA Outer Harbor Light "C": Remove existing steel structure. Construct single-pile steel structure with reduced header system. Install dayboards, light and ladder components.
- LA Outer Harbor Light "D": Remove existing steel structure. Construct single-pile steel structure with reduced header system. Install dayboards, light and ladder components.
- LA Outer Harbor Light "E": Remove existing steel structure. Construct single-pile steel structure with reduced header system. Install dayboards, light and ladder components.
- LA Outer Harbor Light "F": Remove existing steel structure. Construct single-pile steel structure with reduced header system. Install dayboards, light and ladder components.
- Long Beach Light: Install single pile epoxy coated steel structure with a 5x5 basket on flat rock surface adjacent to the old light which will not be removed. Install dayboards, light, safety climb device and ladder components.
- Zuniga Jetty Light W: Remove existing steel structure. Install government provided spindle structure. Install dayboards, light, and ladder components.
- Zuniga Jetty Light X: Remove existing steel structure. Install new government provided spindle structure. Install dayboards, light, and ladder components.
- Zuniga Jetty Light Y: Remove existing steel structure. Install new government provided spindle structure. Install dayboards, light, and ladder components.
- Mission Bay Wier West End Light: Clean all rust and debris from the steel pile structure, epoxy coat steel pile, replace basket with reduced header, and replace dayboards and light.
- Mission Bay Wier East End Light: Clean all rust and debris from the steel pile structure, epoxy coat steel pile, replace basket with reduced header, and replace dayboards and light.

Key Personnel Certifications

PE, LEED AP, PMP, CFM

Sustainable Group is a Service Disabled Veteran Owned Small Business Corporation.

Let's Discuss Your Needs

Sustainable Group will become a highly valued and trusted resource that you'll rely upon to consistently provide expert, efficient and professional construction, remediation, demolition, LEED, and facility management consulting services. Contact us at your convenience; we look forward to discussing your needs.

For more information, call us at **925-899-9721**, or email info@sustainable-group.com.

- Mission Bay South Jetty Light 2: Clean all rust and debris from the steel pile structure, epoxy coat steel pile, install new 5x5 basket, dayboards, light, and ladder sections.

In order to successfully execute this project, Sustainable Group teamed with Larison Contracting Corporation and collectively the team presented a value-added proposition to replace all of the structures (in lieu of repairing) at no additional cost to the government. This proposition was accepted by the Coast Guard and saved contractor on-site time that would have been required to clean, prep, prime and coat the structures.

Sustainable Group key personnel performed on-site construction management, field superintendence, safety oversight, and Quality Control/Quality Assurance (QA/QC) services throughout the duration of this project without any safety or quality control incidents of any kind.

About Sustainable Group

Headquartered in Moraga, California, Sustainable Group Inc. is a premier licensed General Contractor (CA #966993, HAZ) providing general construction environmental remediation, demolition, civil site development, and marine construction services. Sustainable Group also offers Leadership in Energy and Environmental Design (LEED) expertise pertaining to renewable energy and sustainable sites, as well as overall facilities management consulting services. Sustainable Group key personnel have over 26 years of experience in successfully executing projects and performing expert facilities management for multiple Federal entities including the Department of Homeland Security, Department of Veterans Affairs, Department of Defense, Department of Energy, Department of Transportation, and the Army Corps of Engineers.