

# Quincy Marine Terminal

Sprague Operating Resources, LLC



## Project Description

The Quincy Marine Terminal is a facility designed for the loading and unloading of liquid petroleum products from tankers and barges.

This project involved evaluating the condition of the existing facility using one of our in-house engineer dive teams. This team completed the inspection and follow-up condition assessment and structural analysis. Ultimately it was determined that the pier would require replacement to meet the users operational needs. The design considered site specific impacts including shallow water depths, vessel generated waves, and current. During design the owner and users were routinely involved to ensure all project requirements were achieved.

Construction required demolition of the existing facility, dredging up to 1,200 cubic yards of material followed by the installation of a new 20' x 40' manifold platform, a 20' x 200' access walkway, and two 24' x 24' mooring dolphins. Precast concrete members were utilized to cut down onsite construction and increase quality control, minimizing facility down time.

During construction project engineers were on site providing assistance to the owner to ensuring project design drawings and specifications were followed.

## Project Type

Marine Oil Terminal  
Replacement

## Location

Quincy, MA



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## Services Provided

- Inspection
- Permitting
- Design
- Bid Document Preparation
- Construction Administration
- Cost Estimate