



VORTEX MARINE CONSTRUCTION, INC.
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Port Fender Replacement Berths 2, 3, & 5



OWNER: Port of Pensacola

LOCATION: Pensacola, FL

**CONTRACT VALUE:
\$1,720,000**

**VORTEX ROLE: Prime
Contractor**

**PROJECT SCHEDULE:
January 2006 to June 2006.**

Project Description

This project entailed the sequenced installation of 1235 feet of new driven steel pile and timber fender system at three contiguous berths, 2, 3 and 5, within the Port of Pensacola. This project was closely coordinated with the Port to allow for minimal disruption to the vessel berthing schedule.

Vortex supplied and installed 137 prefabricated fender H-piles, each 70' long, using a land based crawler crane with a vibratory hammer set in fixed leads in order to meet critical installation tolerances and a back-batter. Due to subsurface obstructions, over 50% of the piles required predrilling.

A treated timber fender system with walers, consisting of 12"x12" timbers and chocks, was then installed to the driven steel piles thereby providing 100% wharf face protection. This work was accomplished from scaffolds suspended from the bull rail.

The project was delivered to the owner ahead of schedule, without any safety infractions or incidents.

