



Project name: Dry Tortugas Pier Repair
Customer: National Park Services
Prime Contractor: CincoVega, Inc.
Subcontractor: Underwater Mechanix, LLC.

Location: Dry Tortugas, FL
Period of Performance: April 16th, 2018 – June 7th, 2018

Chronicle:

Scope of Work consisted in reinforcing deteriorating concrete dock piles under Garden Key Main Government Dock and access ramps. Piles were encapsulated in a fiberglass jacket with concrete poured within to strengthen pile load-bearing capability. Also, seven (7) pile dolphin with similar wood structure were replaced.

Due to the nature and location of the project extreme efforts were used to eliminate any impact on the marine environment while pumping concrete as well as driving pile.

Performance Highlights	
Completion Summary	
Onsite Documents	<ul style="list-style-type: none"> ▪ Accident Prevention Plan, Accident Hazardous Analysis, Emergency Management Plan, Lift Plan, Containment Plan ▪ Daily reports, Safety briefs, Inspection Reports
Cooperativeness and teamwork	<ul style="list-style-type: none"> ▪ Coordinated effectively with all team members ▪ Project was conducted with zero incidents ▪ Project completed on time
Relevance	<ul style="list-style-type: none"> ▪ Denso FRP Pile Jackets ▪ Knowledge of Denso Products

Site Pictures



Barge arrival to work site



Picture Courtesy of UMX: Barge set up at Dry Tortugas





Equipment Set Up for Removal of Wood Piles



Concrete Dock Piles Sign of Deterioration



Fiber Glass Encapsulation Jackets Used for Concrete Piles' Reinforcement



Removal of Wood Piles in Progress



Completed Wood Piles Removal



Reinforcement of Concrete Piles WIP



Completed Reinforcement of Concrete Piles