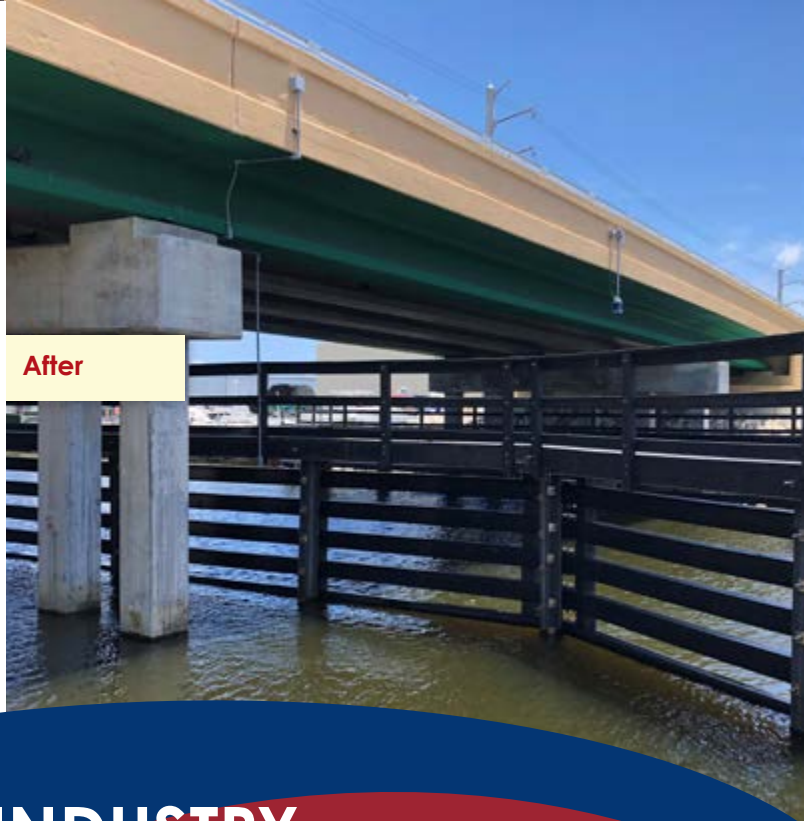




Before



After

Spliced Pile Installation



## MARINE INDUSTRY

### RAVENSWOOD BRIDGE FENDER

#### Project Description

Creative Pultrusions worked in conjunction with Garcia Bridge Engineers to develop an optimized bridge fender system for the Ravenswood Bridge in Dania Beach, FL. A portion of the project included pile driving constraints due to existing overhead power lines that could not be relocated or deenergized during construction. Therefore, Creative Pultrusions' design team came up with a segmented pile option that included splicing the FRP piles to reduce the installation length during construction. The spliced piles permitted the contractor to safely install the FRP piles while maintaining the necessary line clearance. The splices were manufactured by Kenway Composites, a subsidiary of Creative Pultrusions that specializes in vacuum infusion and filament winding manufacturing techniques.

#### Location

Dania Beach, FL

#### Installation Date

Spring 2017

#### Profiles Utilized

12" x 1/2" and 16" x 1/2" SUPERPILE®

#### Installation Method

Vibratory Hammer with Steel Driving Head Insert

#### Owner

Florida Department of Transportation

#### Contractor

Morrison-Cobalt JV

#### Sales Channel

Lee Composites



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CreativePultrusions.com



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