Project Description
Creative Pultrusions, Inc. supplied fifty-two FRP SUPERPILES, 80 feet in length, by 12 inches in diameter to R.A. Walters & Sons. The SUPERPILES are part of the Margate Bridge foundation fendering system. The fendering system redirects boats and protects the bridge foundation from impact damage, in the event a boat or barge should go off course from the navigational channel. The composite piles were driven to depth, drilled and fabricated with wood and poly walers to make up the foundation protection system. The extraordinary energy absorbing characteristics, combined with the corrosion resistance attributes of the SUPURTUF™ SUPERPILE® makes it the ideal candidate for bridge fender applications.

HIGH STRENGTH    LIGHTWEIGHT
Stronger than steel.  70% Lighter than steel.
CORROSION RESISTANT
Increased service life and low maintenance.

~David Goddard
Ole Hansen and Sons, Inc.

Location
Margate, NJ
Length
80 feet
Profiles Utilized
SUPERPILE® TU450
Installation Method
Vibratory Hammer (MKT V-5C)
Owner
Margate Bridge Company
Contractor
R.A. Walters & Sons
Sales Channel
Lee Composites, Inc.
Installation of Piles

"When our Margate Bridge, wooden fender system, succumbed to the years of wear and tear in a hostile environment, we knew it was time to invest in a new fender system. We chose to specify the latest in fender technology and go with Creative Pultrusions’ SUPERPILE®. The piles were manufactured to spec. and delivered on time. The robust piles will protect our bridge foundations for many years without leaching any chemicals into our waterways. The piles made sense from a business and environmental standpoint making the decision to procure the piles easy."

~Rich Walters
R.A. Walters & Sons