

PROJECT > Lauderhill Canal Reinforcement



SlingBag®, Rip Rap
Lauderhill, FL



PROJECT DESCRIPTION:

Many residents in the City of Lauderhill, Miami-Ft. Lauderdale-Pompano Beach area, faced repeated erosion to their backyards along Lauderhill Canal filled with high, fast flowing waters caused by heavy rains. Shoreline Foundation Inc. deployed 700 QUIKRETE® SlingBags® underwater containing 39,200 burlap 60 lb bags and 23,473 60 lb bags of QUIKRETE® Rip Rap along the banks of the canal to eliminate future issues with water erosion. The combination of these two product systems provides reinforcement to the Lauderhill Canal that local residents can be confident will last for years to come. SlingBags® is a heavy duty woven polypropylene fabric tote with

four 24" polyester lifting loops that holds 56-60 lb burlap bags designed to efficiently and safely store, move and place the bags for erosion control and underwater pipe stabilization, protection and separation.

QUIKRETE® Rip Rap is a high strength, 4,000 PSI blend of sand and cement packaged in a fiber reinforced biodegradable paper bag designed to set in a water inversion to ambient moisture alone. To improve the wall's vertical stability 3/8" rebar staples were driven into the bags alternating direction from tier to tier.

GENERAL CONTRACTOR: Shoreline Foundation Inc.

QUIKRETE® PRODUCTS USED:

- 60 lb Rip Rap: 23,473 bags
- 700 SlingBags®

PROJECT START DATE: May 2012

PROJECT COMPLETION DATE: July 2012

