

C-51 CANAL BANK STABILIZATION

Palm Beach County, Florida



CLIENT South Florida Water Management District
3301 Gun Club Road
West Palm Beach, FL 33406

Contact: Jose Guardiaro
Tel: (561) 682-2594
Fax: (561) 682-6374
jguardia@sfwmd.gov



PROJECT DESCRIPTION

South Florida Water Management District operates and maintains approximately 1,800 miles of canals and levees, 25 major pumping stations and about 200 larger and 2,000 smaller water control structures. After the storms of '04 and '05 ravaged the South Florida canal system, many of these canals were stressed beyond their limits and rehabilitation became critical.

SCOPE OF WORK

Repair work and stabilization of the C-51 canal bank included relocation of existing guardrails, construction of vehicle barrier gates, repair of existing articulated concrete (ACB) mattress systems, re-grading and back filling canal banks, installation of riprap and new ACB mattress systems, turf reinforcement and plastic erosion mats, sand-cement endwalls, construction of drainage swale with associated ditch bottom inlet and drainage piping, as well as, required sod and grassing.

COMPLETION DATE

2007

PROJECT COST

\$ 2,987,200