

Barker Canal

Houston, Texas

Protecting our NATURAL resources.

Channel Protection

Project Team Members:

Owner:
U.S. Army Corps of Engineers

Engineer:
U.S. Army Corps of Engineers

Contractor:
Addictes Services

Supplier:
Premier Concrete Products, Inc.

Technical Description:
Product: Shoreblock® BD600 OC
Area: 450,000 sf



Barker Ditch provides protected side surface water runoff collection for the Barker Dam perimeter containment levee in Houston, TX. Providing flood protection to the highly populated communities adjacent to the dam.

The combination of high water velocities in the channel bottom and highly erodible nature of the native soil, had been causing severe erosion and embankment failure for years. Particularly in the area where the ditch empties into the Dam outfall. Potentially jeopardizing the integrity of the outfall control structure.

ShoreBlock BD 600 OC lining of the channel was chosen as the solution because of Articulated Concrete Blocks proven performance in high velocity applications and their ability to provide vegetation without compromising maintainability.



Prior to ACB Install



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