New Jersey Shore Protection
STREAMBANK STABILIZATION OF
BIG TIMBER CREEK @ TIMBER BLVD.

ARTICULATED CONCRETE
CABLE MAT REVETMENT

New Jersey Dept. of Environmental Protection
Office of Engineering & Construction
Bureau of Coastal Engineering
Benjamin Keiser, Manager

Borough of Brooklawn
Camden County, New Jersey
John Soubasis, Mayor
To administer beach nourishment, shore protection and navigational dredging projects throughout the State to:

• Provide for the protection of life and property along the coast

• Preserve our State’s vital coastal resources

• Maintain safe and navigable waterways
Shore Protection Fund
Dedicated for…

“To protect existing development and infrastructure from storm surges, sea-level rise and shoreline migration through dune creation and maintenance, beach nourishment projects, and construction and repair of shore protection structures."

$25 million dedicated annually
Realty Transfer Tax (N.J.S.A. C.13:19-16.1)
Shore Protection Funding

How It’s Divided

Federal Projects - NJDEP - local sponsor in these projects
- Studies
- Storm Damage Reduction/Shore Protection
- Environmental Restoration

State Projects - Municipalities - local sponsor in these projects
- Storm Damage Reduction/Shore Protection

Professional and Technical Services -
- Stevens Institute of Technology
- Richard Stockton College of New Jersey
- Division of Fish and Wildlife
- New Jersey Geological Survey
STREAMBANK STABILIZATION OF
BIG TIMBER CREEK @ TIMBER BLVD.
• **Articulated Concrete Block**
  – **730 Linear Feet**
  – **32’ CC-45 Cable Concrete Mat System - Bethlehem Block**
View @ High Tide

Viewing South
Mid-Project

Viewing North
Mid-Project

New Jersey Dept. Environmental Protection
Bureau of Coastal Engineering
Shore Protection Program
Typical Construction Equipment
Typical Concrete Revetment

New Jersey Dept. Environmental Protection
Bureau of Coastal Engineering
Shore Protection Program
Permits

- **State - NJDEP**
  - Waterfront Development
  - Freshwater Wetlands
  - Transition Area Waiver
  - Water Quality Certificate

- **Federal - ACOE**
  - Nationwide Permit 3
  - Bank Stabilization
Proposed Project Costs

- **Contract Amount:** $367,745.73
- **Cost Share:**
  - 75% State = $275,809.30
  - 25% Municipality = $91,936.43
Project Facts

• **Bid Opening: May 20, 2009**
  - Award: Albert Marine Construction, Inc.
  - Amount: $367,745.73
  - Pre-Construction Meeting: September 17, 2009

• **Estimate Construction Start: October 19, 2009**

• **Proposed Construction End Date: February 15, 2010**
What to Expect…

- Structure Monitoring
- Project Trailer
- Staging Area
  - Upland Concrete Rubble Pile
  - Potential Concrete Crushing Equipment
- State Inspector - Project Oversight
Contractor Contact Information

- **Albert Marine Construction, Inc.**
  - 308 South Main Street
  - Forked River, NJ 08731
  - Phone: (609) 693-5524
  - Email: albertmarine1@aol.com
  - Owner – Bob Albert
  - Superintendent – Ted Faxon