New Jersey Shore Protection
West Wildwood

26th Street Shoreline Stabilization

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

Borough of West Wildwood
Cape May County, New Jersey
Herbert C. Frederick, Mayor
New Jersey’s Shore Protection Program

State of New Jersey
Chris Christie, Governor
Kim Guadagno, Lt. Governor

Dept. of Environmental Protection
Bob Martin, Commissioner

Natural & Historic Resources
Amy Cradic, Assistant Commissioner

Office of Engineering & Construction
David Rosenblatt, Administrator
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
Shore Protection Construction – Cost Share Structure

Shore Protection Project

FEDERAL
- 65% Federal
- 35% State/Local

STATE
- 75% State
- 25% Local

New Jersey Dept. Environmental Protection
Bureau of Coastal Engineering
Shore Protection Program
26th STREET SHORELINE STABILIZATION
West Wildwood, NJ

Bureau of Coastal Engineering
New Jersey Dept. of Environmental Protection
Office of Engineering & Construction
Existing Conditions
Typical Equipment
• K & G Marine
  - Headquarters in Delran, NJ
  - Since 1993
• Phone: (800) 936-5208
Project Specifics

- Vinyl Bulkhead
  - 1,550 Linear Feet
  - 20’ Sheet Length
- New Sidewalk
- 17 New Parking Stalls
- Wetland Plantings
Required Permits

• **State**
  - CAFRA
  - Waterfront Development
  - Water Quality Certificate

• **Federal**
  - Nationwide Permit #13
    • Bank Stabilization
Reimbursement Project

- Total Project Cost: $890,125.50
  - 75% State = $667,594.12
  - 25% Municipality = $222,531.38
  - DEP Easement Required for Reimbursement

- Town Responsible for Future Maintenance
Schedule

- 120 Day contract time
- Notice to Proceed: March 8, 2010
- Construction End Date: July 6, 2010
What To Expect

- Single Lane Access to 26th Street
  - Provide public safety and adequate staging
- 8 hour operation with continuous inspection