SEAWALL REPAIR PROJECT
BOROUGH OF MONMOUTH BEACH
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
Monmouth Beach Seawall Repair
2009 Project Specifications

- **Stonework**
  - 8,300 Tons of New 8-12 ton Stone
  - Resetting of 8,100 tons of Existing Stone
  - 3,725 tons of New Core Stone and New Base Layer
  - Concrete Groin Sealer

- **Replacing Two Drainage Pipes**

- **Public Access Staircases**
  - Existing Stairways to be Built After Construction
  - Additional Staircase to be Constructed Between Condominiums
Monmouth Beach Seawall Repair
Construction Equipment
Existing Conditions

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

New Jersey Dept. Environmental Protection
Bureau of Coastal Engineering
Shore Protection Program
Monmouth Beach Seawall Repair
Proposed Project Costs

• Contract Amount: $2,657,635.00

• Cost Share:
  – 75% State = $1,993,226.25
  – 25% Municipality = $664,408.75
Monmouth Beach Seawall Repair
2009 Project Facts

- **Bid Opening:** May 20, 2009
  - **Award:** Trevcon Construction
  - **Amount:** $2,657,635.00

- **Estimate Construction Start:** Sept 14, 2009

- **Proposed Construction End Date:** March 15, 2010
Monmouth Beach Seawall Repair
What to Expect

- **Beach Access Will Be Closed From Valentine Ave to the Northern End of the Admiralty Condominium**

- **Work Hours: 7a.m to 6p.m.**
  - Dependant on Tides

- **Vibrations**
  - Monitored by Third Party