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

New Jersey Dept. Environmental Protection
Bureau of Coastal Engineering
Shore Protection Program
Shore Protection Construction —
Cost Share Structure

Shore Protection Project

FEDERAL
- 65% Federal

35% State/Local
- 75% State
- 25% Local

STATE
- 75% State
- 25% Local

New Jersey Dept. Environmental Protection
Bureau of Coastal Engineering
Shore Protection Program
Problem Areas
Problem Areas
Existing Conditions
Project Specifics

- Cordova Avenue - Fox Place

- Contract Timeframe - 120 days
  - Estimated Bid - Late Summer/Early Fall

- Must minimize traffic obstructions

- Must maintain a clean and safe work site

- Must abide by all Federal, State, and Local regulations
Project Specifics

- **Rock Gabion Baskets**
  - 3,500 S.Y.
  - 1,000 C.Y. 6” DGA Base w/ Geotextile Underlayer
  - Stone size - 4 to 8 inches
  - Manta Ray Anchoring System

- **Sand Dune Cover**
  - 10,000 C.Y.
  - Revegetation (native dune plant species)

- **Mr. Boardwalk Roll-Out**
  - 459 Combine L.F.
  - Located Near Street-Ends
Required Permits

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

- **Federal**
  - Individual Permit
Reimbursement Project

• Project Cost Share Structure
  - Municipal FEMA Mitigation Assistance
  - State Shore Protection Grant
    • State = $200,000.00
    • Municipality = $66,666.66

• Town Responsible for Future Maintenance
• Executed State Aid Agreement Required
• DEP Easement Required for Reimbursement