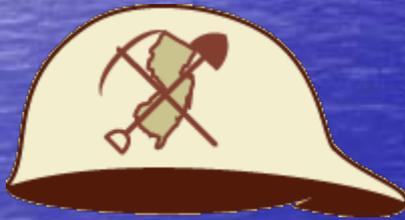




New Jersey Shore Protection West Wildwood



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

Bureau of Coastal Engineering - Purpose...

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 -

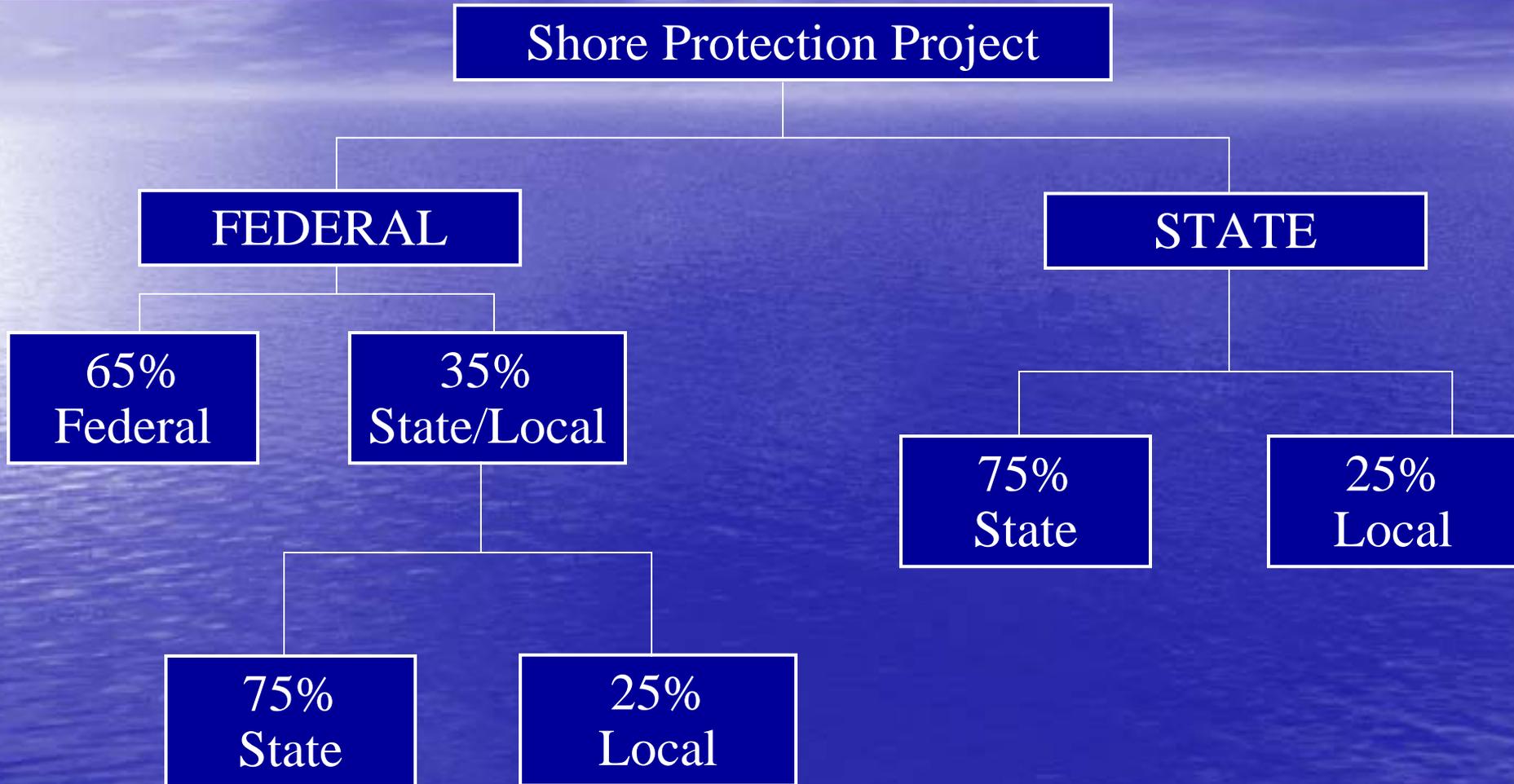
- Stevens Institute of Technology
- Richard Stockton College of New Jersey
- Division of Fish and Wildlife
- New Jersey Geological Survey



New Jersey Dept. Environmental Protection
Bureau of Coastal Engineering

Shore Protection Program

Shore Protection Construction – Cost Share Structure





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





CONTRACTOR

- **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**

New Jersey Department of Environmental Protection *Shore Protection Program*



www.nj.gov/dep/shoreprotection