

Practical Shoreline Protection Program Implementation



Ken Willson

CB&I / Coastal Planning & Engineering of North Carolina, Inc.

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Planning a Beach Management Program  Planning for Retirement:

1. Do we need to Plan?
2. Who can help us with Planning?
3. What can we afford to Plan for?
4. Develop a Plan that fits your budget and goals,
5. Adjust the Plan as conditions change.

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Keys to Success:

- Begin putting money away early (Dare County, New Hanover County)
- Begin developing a plan and working on permits early
- Determine who benefits from the project (Cost sharing partners: oceanfront owners, other property owners in the Town, County, State, etc.)
- Look for options that may provide cost savings

Project Costs:

- Project planning must occur 1st.
- Kitty Hawk Project:
 - 4.0 Miles Long
 - 90 cy/ft.
 - Anticipated Total Cost \$18,856,000
- Town of Southern Shores is 3.7 miles long

Cost Benefits:

Table III – Beach Nourishment Costs (Before ISABEL, 2003) and Storm Damage Prevention Benefits (ISABEL, 2003)

City / Federal Gov't (Beach)	Nourishment Cost, \$ Before Sep. 2003	Storm Damage Benefits, \$ ISABEL (Sep. 18, 2003)
Virginia Beach (Oceanfront) (Sandbridge)	\$125 million \$ 10 million	\$82 million \$23 million
Norfolk (Ocean Park)	\$ 6 million	\$ 5 million
Hamptom (Buckroe)	\$ 4 million	\$ 3 million
US Navy (Dam Neck)	\$ 7.5 million	\$18 million
Totals	\$152.50 million	131 million

1 Storm Event

Questions?

Ken Willson – Kenneth.Willson@CBI.com

