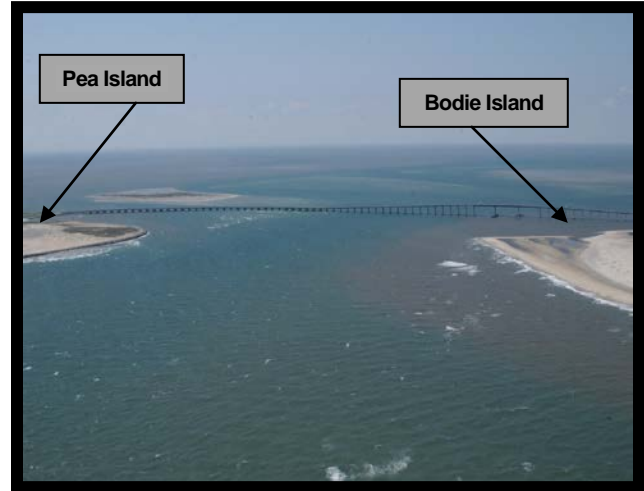




US Army Corps
of Engineers
Wilmington District

Manteo (Shallowbag) Bay, NC (Navigation) (Construction)

- **Sponsor: State of North Carolina**
- **The basin at Wanchese Harbor, a portion of the authorized project, was enlarged in 1979**
- **Environmental mitigation feature yet to be constructed for impacts due to the enlargement of the basin at Wanchese Harbor**
- **Mitigation construction will begin in FY 2015**



CONGRESSIONAL DISTRICT: NC 3

DATE: 23 February 2015

1. **AUTHORIZATION:** River and Harbor Act of 1970.
2. **LOCATION AND DESCRIPTION:** The project is located along the outer banks portion of Dare County, North Carolina, between Oregon Inlet, Roanoke Island and Albemarle Sound. Authorized project features include stabilization of Oregon Inlet with a dual rubble-mound jetty system including a sand by-passing system, a channel 20 feet deep by 400 wide feet through Oregon Inlet, a channel 14 feet deep by 120 feet wide from the inlet to Wanchese Harbor, and enlarging the basin at Wanchese to 15 acres at a depth of 14 feet. The length of all channels is 25.4 miles. To date, the only portion of the authorized project implemented is the enlargement of the basin at Wanchese, performed by the sponsor in 1979 under a Section 215 agreement. All other project features are currently not programmed for construction with the exception of the mitigation requirements to develop 42 acres of oyster reef for the prior basin enlargement.

The implementation plan for the mitigation would be to optimally place multiple pre-fabricated concrete reef balls over 42 acres of shallow bay waters throughout Pamlico Sound to create oyster reefs.

3. **COST ESTIMATE:**

Construction:	\$ 9,600,000	(PED)
	\$ 114,401,000	(Federal)
	\$ <u>27,999,000</u>	(non-Federal)
	\$ 152,000,000	(Total)

Note: Construction cost includes the authorized project jetties and adjacent channels, which are currently unprogrammed and not scheduled for construction.

4. **FEDERAL FUNDING ALLOCATION THRU FY 2014:** \$ 17,176,000.

5. **FY 2015 FUNDING ALLOCATION:** \$0. Carry-in funds are being used to complete design for the required mitigation features for the harbor deepening, negotiation and execution of an operation and maintenance agreement, and initiate construction of mitigation features.

6. **FY 2016 BUDGET AMOUNT:** \$0.

7. **KEY DATES:**

June 2015	Execute operation and maintenance agreement
August 2015	Award contract for construction of mitigation features
TBD	Complete construction and initiate project monitoring, subject to the availability of funds

8. **OTHER INFORMATION:** The Council on Environmental Quality (CEQ), National Oceanic and Atmospheric Administration, and the Corps of Engineers reached a consensus agreement in May 2003 that the proposed jetties on the Oregon Inlet portion of the Manteo (Shallowbag) Bay project would not be constructed and to develop alternative approaches for improving navigation.

The expansion of the harbor at Wanchese, a portion of the authorized project, was constructed in June 1979. Required mitigation for the associated loss of wetlands from the expansion of the harbor, 42 acres, was to be accomplished when the remainder of the project was constructed. Based upon the CEQ's consensus document, the remainder of the authorized project will not be completed. The construction of 42 acres of oyster reef must be accomplished in order to be in compliance with the environmental requirements of the project.

In accordance with the Mitigation and Enhancement Plan dated August 1981, the state of North Carolina has agreed to assume operation and maintenance responsibilities after project completion and the five year monitoring period. In a letter dated 28 May 2013, the North Carolina Department of Marine Fisheries reaffirmed their intent to assume these responsibilities which would culminate in execution of an operation and maintenance agreement.