



US Army Corps
of Engineers
Wilmington District

Brunswick Town / Fort Anderson Historic Site, NC (CAP Section 103)

- **Sponsor: State of North Carolina, NC
Department of Cultural Resources**
- **Completion of feasibility phase
subject to execution of feasibility cost
sharing agreement and availability of
funds**



CONGRESSIONAL DISTRICT: NC 7

DATE: 8 April 2013

1. **AUTHORIZATION:** Section 103 of the Rivers and Harbors Act of 1962.
2. **STUDY AREA:** The study area consists of the shoreline area on the western bank of the Cape Fear River and the Wilmington Harbor navigation project contained on the Brunswick Town / Fort Anderson State Historic Site near Winnabow, NC. The shoreline is subject to erosion and has receded 45 feet since 2006 in key areas. The study area contains colonial era wharfs and various associated colonial era artifacts which are in danger of being lost due to the erosion.
3. **IMPROVEMENTS DESIRED:** This project would seek to protect the Brunswick Town State Historic Site along the Cape Fear River shoreline. Colonial era wharfs are buried below a thick layer of existing marsh. As erosion continues, the wharf structures are becoming uncovered, and therefore unprotected and are no longer in a state of preservation. Measures and alternatives to be considered include the use of an offshore breakwater sill or rock-rubble bank protection followed by non-Federal maintenance. Other options that will be considered include restoration of marsh front, and combinations of structural and non-structural measures.
4. **COST ESTIMATE:** \$ 160,000 (Feasibility phase, to be cost shared 50/50)
4,840,000 (Design and implementation, 65% Fed / 35% Non-Fed)
\$ 5,000,000 TOTAL
5. **FEDERAL FUNDING ALLOCATION THRU FY 2012:** \$ 100,000 (Feasibility phase)
6. **FY 2013 ALLOCATION:** \$350,000. Funds would be used to complete feasibility and initiate design and implementation phase.
7. **FY 2014 OPTIMUM AMOUNT:** \$4,550,000. Funds could be used to complete the design and award construction contract.

PROJECT INFORMATION – Brunswick Town / Fort Anderson State Historic Site, NC (Section 111) – Continued

8. KEY DATES: Execute Feasibility Cost Sharing Agreement, TBD
Completion of feasibility phase, TBD

9. STATUS: Design will be initiated following the completion of the feasibility report.

10. OTHER INFORMATION: The NC Department of Cultural Resources expressed support for this project in a 30 April 2012 letter and adopted a resolution requesting the study under the Section 111 Authority. The NC Department of Cultural Resources, as the sponsor, has the expectation of completing a feasibility study for protection of the Brunswick Town State Historic Site, and cost-sharing in construction of a recommended alternative, subject to availability of Federal funds. Based on preliminary results of the feasibility phase, the Wilmington Harbor Navigation project is not a significant contributor to the shoreline erosion in the project area. Therefore, the Section 103 authority, for coastal storm damage reduction, will be utilized to complete feasibility and perform design and implement erosion control measures.