



US Army Corps
of Engineers
Wilmington District

Southport, NC
Emergency Streambank and
Shoreline Protection
(CAP Section 14)

- **Sponsor: City of Southport, NC**
- **Emergency shoreline protection**
- **Study initiated in FY 2011**
- **Feasibility phase to be completed in FY 2013**
- **Project partnership agreement scheduled for execution in FY 2013**
- **Construction contract award scheduled in FY 2013**



CONGRESSIONAL DISTRICT: NC 7

DATE: 8 April 2013

1. **AUTHORIZATION:** Section 14, Flood Control Act of 1946, as amended.
2. **STUDY AREA:** The city of Southport, located in the coastal area of southeastern North Carolina, has experienced shoreline erosion which threatens the wastewater pumping station on the Cape Fear River shoreline just opposite the intersection of West Bay Street with Lord Street.
3. **IMPROVEMENTS DESIRED:** The extent of the erosion problem along the Southport waterfront at the pump station was assessed through comparison of aerial/satellite imagery spanning an 18 year period. During this time the shoreline has migrated from 90 ft from the pump station to to its current location within 20 ft of the base of the pump station. Riprap from sidewalk debris has been placed on the shoreline at the building but is not adequate to provide proper long-term protection. Consequences of failure would include loss of wastewater services to the public and sewage spills into the Cape Fear River. The proposed project is a sloping rock revetment along 350' of shoreline at the pumping station site.
4. **COST ESTIMATE:**

\$ 100,000	(Feasibility Phase, 100% Fed)
500,000	(Design and Implementation phase, 65% Fed./ 35% Non-Fed)
\$ 600,000	Total

PROJECT INFORMATION – Southport, NC (Emergency Streambank and Shoreline Protection - CAP Section 14) – Continued

5. **FEDERAL FUNDING ALLOCATION THRU FY 2012:** \$109,435. (includes \$21,000 for design and implementation phase)

6. **FY 2013 ALLOCATION:** \$345,000. Complete design and award a construction contract.

7. **FY 2014 OPTIMUM AMOUNT:** \$25,000. Funds could be used for remaining supervisory and administrative effort.

8. **KEY DATES:**

May 2013	Completion of feasibility phase
May 2013	Execution of project cooperative agreement
September 2013	Award of construction contract

9. **STATUS:** Draft feasibility study report has been approved for public release and is being finalized now. Project partnership agreement is scheduled for execution in FY 2013 as well.