



Figure 2. Approximate Centerline of Proposed Channel Map

The Town of Emerald Isle beach nourishment project is part of an island-wide Bogue Banks project sponsored by Carteret County. The County project covers approximately 16.8 miles of ocean shoreline and begins at the eastern limits of the Town of Pine Knoll Shores and ends 1.5 miles east of Bogue Inlet. Phase I of the Bogue Banks project consists of nourishing the shorelines along the Towns of Pine Knoll Shores and Indian Beach as well as the County owned shoreline along the Village of Salter Path and was completed in April 2002. The Town of Emerald Isle has divided its portion of the project into two phases identified as, Phase II and Phase III. Phase II covers the eastern 4.38 miles (23,100 feet) of the Town's shoreline and Phase III covers the western 5.30 miles (28,000 feet) of the Town's shoreline (Figure 3).

### **Scope**

The Town of Emerald Isle is located along the western 11.2 miles of Bogue Banks, North Carolina. The proposed repositioning of the channel in Bogue Inlet is to address a severe erosion problem that is threatening the Town's infrastructure located on the western end of the Town. The severe erosion along the western end of the Town is the result of the eastward migration of the channel in Bogue Inlet.