

Northwest Tennessee Regional Port Authority @ Cates Landing (NWTRPA/CL)  
Lake County, Tennessee  
Tiger Grant Application

Engineering Report - Project Description

**Phase II Harbor – Development Features - Funded by Grant  
Port Harbor (Work Included in Grant Application)**

Upon the December 2009 completion of the harbor dredge and rock lined banks by the USACE, the second phase of the harbor development can immediately begin. This work includes the following: a navigation light at the harbor entrance conforming to the U.S. Coast Guard specifications; channel buoys to assist the navigation process safely through the harbor; shore pole-mounted twin head lights along the harbor for additional safety and security; and two (2) - 48 inch dolphin piles with four (4) - 24 inch dolphin piles braces for barge mooring at the berthing area across the harbor just opposite the port dock terminal.

