

Reservoir Shoreline Stabilization

Shannon O'Quinn
Natural Resource Planning and Programs



- ◆ Reduce bank erosion
- ◆ Protect/establish riparian buffers
- ◆ Maintain existing recreation facilities
- ◆ Protect significant cultural resources
- ◆ Improve aquatic habitat and water quality





2014 Stabilization Project Goals

- ◆ Implement 15 stabilization projects
- ◆ Reservoirs: South Holston, Norris, Tellico, Chickamauga, Tims Ford, Normandy, Wheeler, Guntersville
- ◆ Partners: Tennessee Department of Conservation and Environment, Tennessee Wildlife Resources Agency, Tellico Reservoir Development Agency, City of Vonore, Coffee County
- ◆ Stabilize over two miles of eroding shoreline
 - ~ 4,200 ft. with partnership projects
 - ~ 9,000 ft. with TVA-only funding to protect cultural resources

Normandy Reservoir

Partner – Coffee County

- ◆ Stabilize approximately 65 feet
- ◆ Protect Lyndell Bell Road
- ◆ Creates a new partnership for TVA
- ◆ Completion date: March 2014



TVA Project

- ◆ Stabilize 6,000 feet
- ◆ Protect Cultural Resources – high occurrence of looting at this site
- ◆ Completion Date: April 2014



Tims Ford Reservoir

Partner – Tims Ford State Park

- ◆ Stabilize 220 feet
- ◆ Protect parking areas and boat ramps
- ◆ Completion date:
May 2014



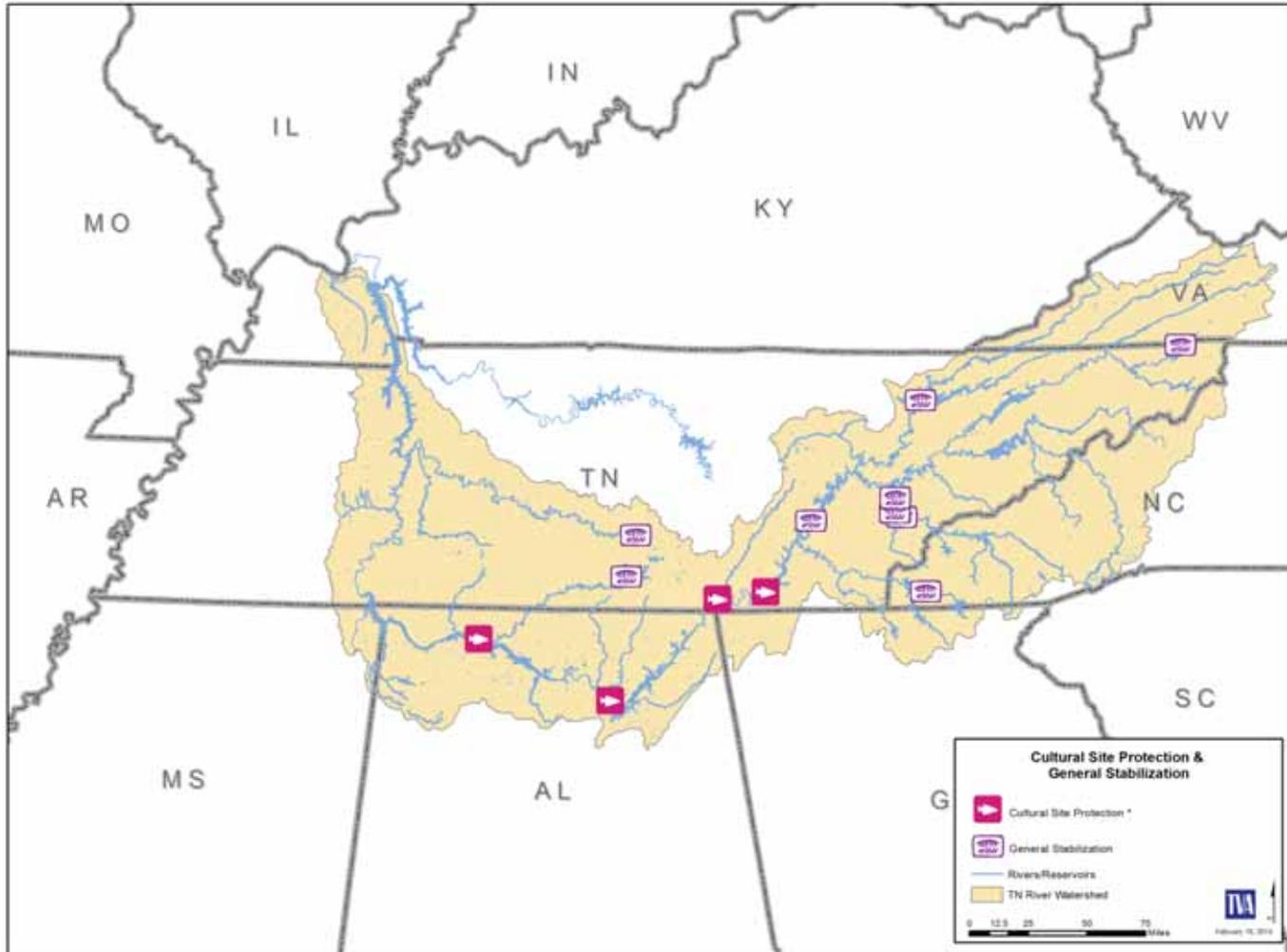
Chickamauga Reservoir

Partner – Tennessee Wildlife Resource Agency

- ◆ Stabilize 2000 feet
- ◆ Protect cultural resources and riparian and aquatic habitat (mussels)
- ◆ Completion date: July 2014



Shoreline Stabilization Projects



* Due to the sensitivity of the Cultural Resources, locations shown are the dams for the impacted reservoirs