

Beech Dam Spillway Project

Henderson County, Tennessee

Overview

Earlier this year, TVA initiated a project to enhance the resiliency of Beech Dam's grass-lined spillway against erosion. Progress was temporarily impacted by material-related delays, but TVA has since secured a new vendor to address these challenges.

The project will involve regrading the spillway to remove the channel curvature and ensure flows will be predictable and evenly distributed. An articulated concrete block system, comprised of interconnected concrete blocks, will then be installed on the steep section of the spillway. The system is engineered to withstand the anticipated force of flows on the spillway after forecasted heavy rainfall events.

In the event of a forecasted heavy rainfall event during construction, the reservoir will be lowered in advance to reduce the risk of water overtopping the spillway.

Timeline

To ensure public safety, the Beech Lake Walking Path and Bob Henderson Drive will remain temporarily closed. Additionally, Eastern Shores Drive will be closed to traffic between West Church Street and Lakeview Drive during work hours (Monday-Friday, 6 a.m.-6:30 p.m. CT), reopening outside of those hours. Occasional Saturday closures may also occur. All closures are expected to remain in effect until the project is completed in February 2027. For added safety, concrete barriers will be installed along Eastern Shores Drive to protect workers throughout the project.

Project Information

Please visit: tva.com/beechn

