BRUSH CREEK - SITE 14
WATERSHED REHABILITATION PROJECT

Introduction

Brush Creek Site 14 is a flood control and recreation dam at Glenwood Park in Mercer County, WV. It is one of ten flood control dams constructed on tributaries within the Brush Creek Watershed. The site is located approximately five miles upstream of the City of Princeton. The site is also referred to as Glenwood Park Dam.

Watershed Project Information

Brush Creek Site 14:
Project authorized in 1959 and construction was completed in 1967 for the purposes of flood protection and recreation.

Rehabilitation Needs:

- Flattening the downstream embankment slope,
- Replacing internal filter and drain system,
- Improving the principal spillway system, and
- Reinforcing the auxiliary spillway.

Funding:
Federal cost-share equal to 65% of the total eligible project cost, but must not exceed 100% of the actual construction cost of the project. Local Project Sponsors are responsible for the non-Federal share of the cost of the rehabilitation project.
USDA NRCS is the lead federal agency on the project.

Sponsors

- Southern Conservation District
- Green Valley-Glenwood PSD
- Mercer County Commission
- West Virginia Conservation Agency

Resource Concerns

Rehabilitation is needed to bring the dam into compliance with current State and Federal dam design safety and engineering criteria and performance standards.

Benefits

- Reduction in the potential for loss of life by reducing the possibility of dam failure,
- Reduction in the sponsors liability associated with the operation of a structure not meeting current dam safety criteria,
- Preservation of the 500-year level of flood protection for residences, businesses, community and civic facilities, and infrastructure downstream,
- Protection of real estate values downstream,
- Preservation of a recreation facility for the community,
- New service life of 50 years, and
- Net beneficial effects: $418,200 annually.

Timeline

Assessment Phase: Completed in 2011

Planning Phase: Completed in 2019

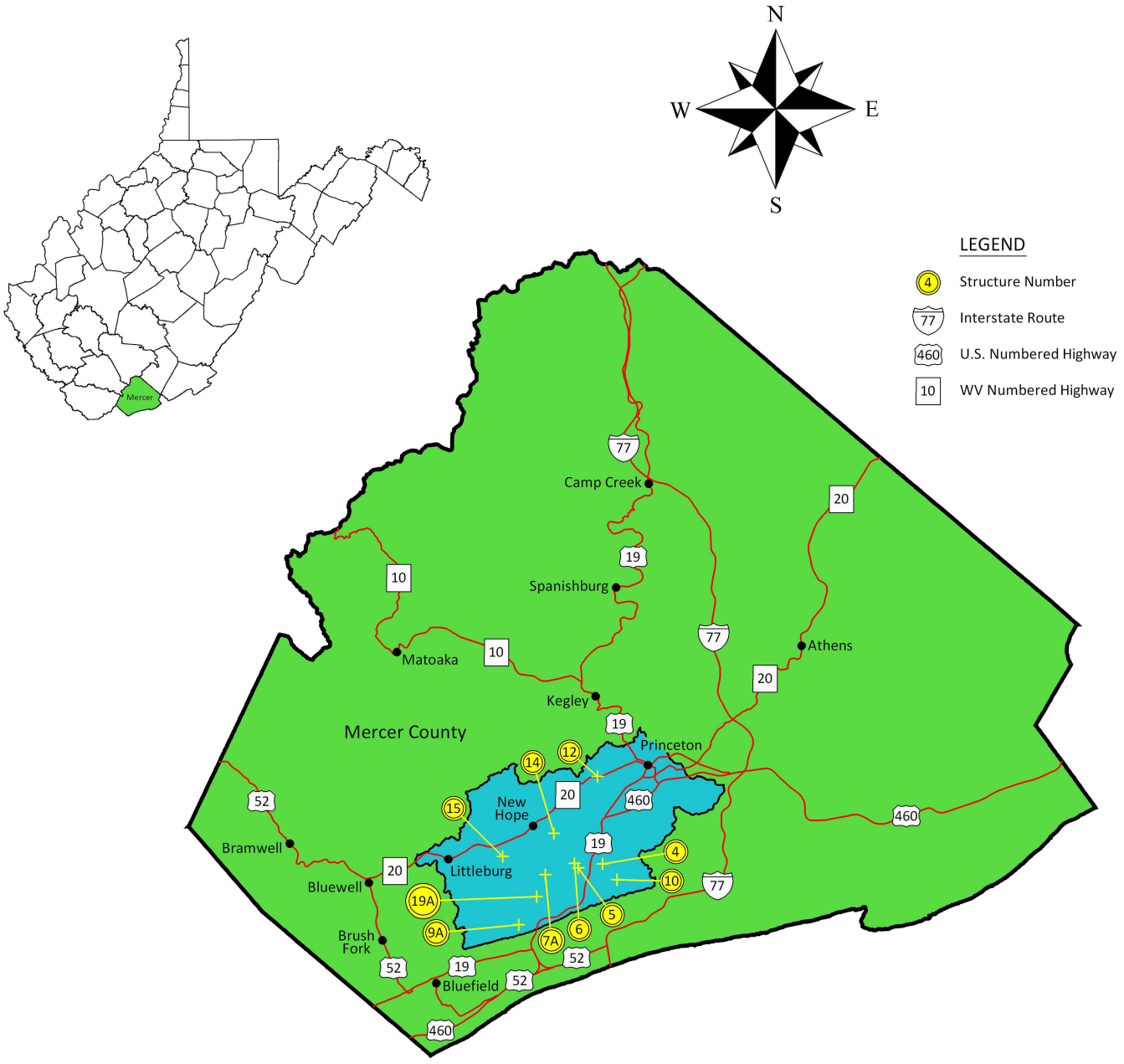
Design Phase: Completed in 2024

Construction Phase: 2025-2028

USDA NRCS
United States Department of Agriculture
Natural Resources Conservation Service

JUNE 2010

BRUSH CREEK WATERSHED
MERCER COUNTY, WEST VIRGINIA



WBD-WV HUC-12 050500020801