what Historical Services Unit does

- Research and Write History Reports
- Determine National Register Eligibility
- Determine Historic Boundaries
- Determine Effects to Historic Properties
- Mitigate Adverse Effects to Historic Properties
- Complete Historic Documentations for Specific Historic Properties
- Historic Turnpike Research and Analysis
- Coordinate with Federal, State, and Local Resource Agencies
- Conduct Public Workshops for Specific Bridge and Highway Projects

contact us

Division of Highways
Engineering Division
Environmental Section
1334 Smith Street
Charleston, WV 25301
Sondra Mullins
Historical Services Unit Leader
304.558.9487
sondra.l.mullins@wv.gov

daugherty bridge

brooke county

daugherty bridge
brooke county

Daugherty Bridge is located in Brooke County on County Route 1/7 at its intersection with County Route 1. The bridge spans Harmon Creek in the community of Colliers. The structure consists of two reinforced concrete arch spans supported by two stub abutments and one pier. The overall length is 65 feet 6 inches and the horizontal clearance is 14 feet. No original bridge plans were found (WVDOH Bridge Files).

Daugherty Bridge was built in 1912, by Luten Bridge Company York, Pennsylvania. The bridge provided an important link to the movement of goods and materials in Brooke County. It conveys its local association with the growth of the state's road system as a result of the 1909 legislature that delineated the county's responsibilities for road maintenance and set standards regarding the width and grade of state roads built by county engineers prior to the Good Roads Amendment (Carver, 2008). Therefore Daugherty Bridge is eligible under Criterion A of the National Register of Historic Places.

Daugherty Bridge History

The bridge is also eligible under Criterion C for its significance as a concrete arch bridge constructed by a company associated with a master builder. The bridge possesses distinctive rounded arch ring detail and nonsymmetrical design that was a patented feature of Daniel B. Luten. Although there has been inconsistent repair to the original bridge material, the Daugherty Bridge does retain sufficient integrity as a Luten designed concrete arch bridge.

Luten bridges were built throughout the United States including many in West Virginia and established branch offices throughout the east and south. Daniel B. Luten received his first patent for a concrete arch bridge in 1900 and by 1925 Luten was responsible for over 1,400 bridges and 50 patents. According to the 2013 West Virginia Historic Bridge Survey Draft Final Report, there were 215 remaining concrete arch bridges associated with Luten Bridge Company in West Virginia (KCI, 2013).

Location: County Route 1/7 at its intersection with County Route 1 Spanning Harmon Creek
Type: Two Reinforced Concrete Arch Spans Supported by Two Stub Abutments and One Pier
Length: 65 feet 6 inches
Year constructed: 1912
Contractor: Luten Bridge Co.