

Edgefield County Bridge No. 3  
Road S-63 Spanning Log Creek  
Pleasant Lane Vicinity  
South Carolina  
Edgefield County

HAER No. SC-8

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SC  
19-PL-1A  
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PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

Historic American Engineering Record  
National Park Service  
Southeast Region  
Department of the Interior  
Atlanta, Georgia 30303

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HISTORIC AMERICAN ENGINEERING RECORD

EDGEFIELD COUNTY BRIDGE No. 3  
HAER SC-8

Date: 1912

Location: Spanning Log Creek on Road S-63, near Pleasant Lane, South Carolina

Built by: Unknown

Owner: South Carolina Department of Highways and Public Transportation

Significance: Of the approximately 137 metal truss bridges known to exist in South Carolina, this structure is one of the 66 Pratt through truss bridges listed in the South Carolina Metal Truss Highway Bridge Inventory. Identified as Edgefield 3 in the inventory, it is one of only 15 such structures that are pin-connected. The bridge fabricator/erector is unknown although the bridge plate shows it to have been constructed in 1912.

The bridge is 122 feet long and has a curb-to-curb width of 11 feet. The truss design appears to be conventional for its type and age. Tension members are all fabricated as loop-welded I-bars while the compression members consist of the typical built-up sections made from hot-rolled steel channels, angles, and plates.

This pin-connected through truss is significant because it represents one of the few such structures remaining in South Carolina for which a bridge plate exists, confirming the date of construction.

Local residents recall that the bridge once provided the crossing for U.S. 25 over Turkey Creek in Edgefield County and was moved to its present location on about 1930. A note on the structural drawing at the South Carolina Department of Highways and Public Transportation confirms that a truss bridge was dismantled at the Turkey Creek location and marked for re-use elsewhere. The crossing of Log Creek prior to the erection of the present bridge was reportedly achieved by a ford.

A grist mill, known as Broadwater Mill, once operated at a site adjacent to the bridge. Grinding wheels from the mill are now in the yard of a nearby resident.

Transmitted by: Monica E. Hawley, Historian, 1984