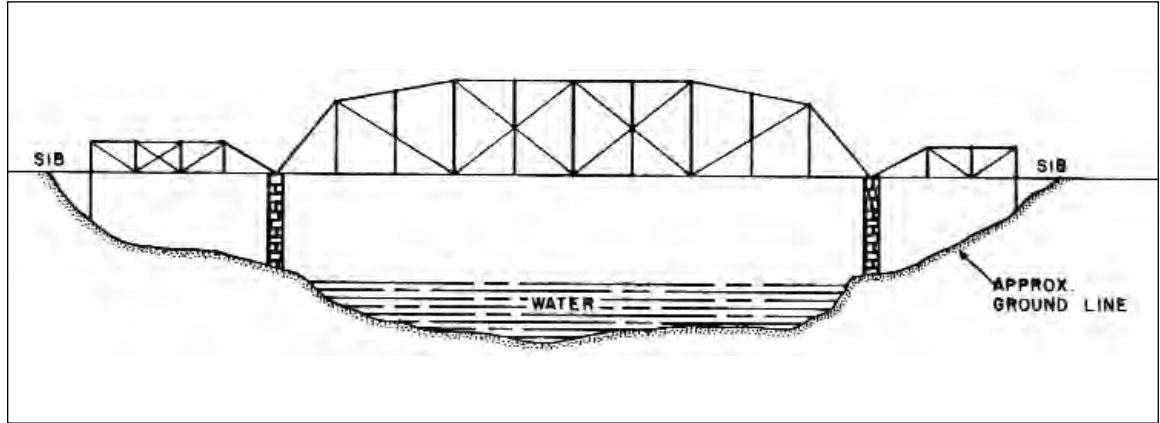


(#35) 52-NonHighway-3: Mulberry Bridge spanning the Elk River east of Fayetteville in Lincoln County (Mulberry Quad, 80 NW).

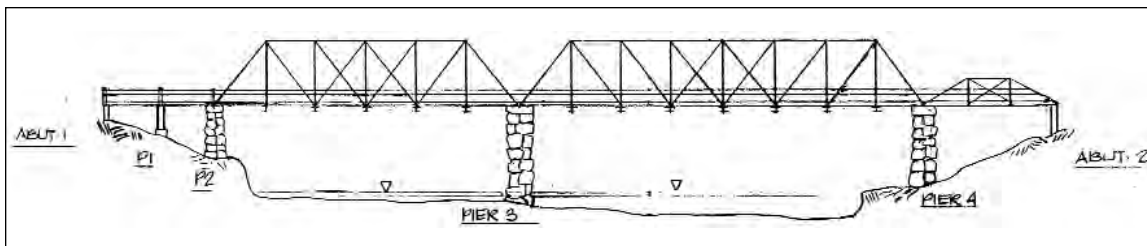


Significant under Criterion C due to unusual trusses and as example of work by the American Bridge Company.

The nationally prominent American Bridge Company built this bridge in 1901 for about \$5,000. A. J. Dyer, who founded the Nashville Bridge Company shortly thereafter, was the agent. However, a legal dispute continued into 1904 over \$70.76 owed to Jos. Lightman who had subcontracted to build the substructure. After several appearances before the county court, the county paid Lightman his money. This bridge served local traffic until the county abandoned it in the 1970s (Lincoln County Court Minutes Book 1897-1902:148, 231, 274, 291-292; Book 1903-1907:75, 87, 115).

The main span is a pin connected modified Camelback through truss. Two unusual riveted Pratt pony trusses flank the main truss. While the end panels next to the main truss are typical, the outside panels have vertical end posts extending below the floor beam as a truss leg or bedstead truss would. The fact that a pre 1910s Pratt truss contains riveted connections is also unusual in Tennessee. Composition of the through truss is typical. Top chords and end posts are channels with lacing. Bottom chords and diagonals are paired rectilinear eyebars. Verticals and sub struts are paired angles with lacing. Hip verticals and sub ties are paired cylindrical tie rods. Composition of the pony trusses is less typical. Top chords and end posts are channels with lacing top and bottom, and bottom chords are paired rectilinear eyebars. Verticals and diagonals are paired angles with battens. The bridge rests on a masonry substructure.

(#36) 90-A0900-00.97: Glaze's Ford/Smith Bridge spanning the Nolichucky River southwest of Jonesboro in southwest Washington County (Chucky Quad, 190 NW).



Significant under Criterion C as representative Pratt trusses by the Southern Bridge Company.