

INDIVIDUAL DATA SHEET

Property Name Osage Creek Bridge Property Owner Benton County
 Location 4½ miles north of Tontitown Address c/o The Honorable A. E. Norwood
 Construction Date 1911 Survey No. AHTD #10622 Benton County Judge
Benton County Courthouse
Bentonville, AR 72712

DESCRIPTION

The Osage Creek Bridge crosses Osage Creek on Benton County Road #71 approximately 4½ miles north of Tontitown, Arkansas. This bridge is a single span Pratt through truss bridge measuring 124 feet in length. It contains eight panels, each measuring 15.5 feet in length and 20 feet in height. Each vertical member consists of heavy channel beams riveted together with lattice bracing. A pair of steel eyebars are used for the diagonals and are connected to the top and bottom chords with pin connections. Simple portal bracing stabilizes the top of each entrance. An original lattice guardrail is located on each side of the 12 foot roadway. Wooden planks are used for the decking. This bridge sits on poured concrete abutments.

STATEMENT OF SIGNIFICANCE

Criterion: C Area of significance: engineering

The Osage Creek Bridge is an excellent example of a Pratt through truss bridge. It was built by an unknown builder under authority from Benton County officials in 1911, using a very popular truss design first patented in the United States in 1844 by Thomas and Caleb Pratt. This bridge type became one of the most prolific bridge types in the United States by the early 20th century. Its structural reliability and economy of materials also made it a popular choice to county officials in Arkansas. Of the hundreds of Pratt bridges built in Arkansas from the 1870's to 1940's, only 59 remain in use today. The Osage Creek Bridge is an outstanding example of the Pratt through truss in the Arkansas inventory. Its intact lattice guardrail is unique and rarely survives on other examples.

Acreege less than 1 acre

Verbal Boundary Description The Osage Creek Bridge is located in the NW¼ of Section 14,

Quadrangle Name Robinson, Ark. Quadrangle Scale 1:24000

UTM Reference: Zone 15 Easting 387390 Northing 4011160

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DESCRIPTION

VERBAL BOUNDARY DESCRIPTION CONT.

Township 18N, Range 31W, beginning with the steel approach 10 feet east of the Osage Creek on Benton County Road #71 to the end of the bridge 124 feet across the Osage Creek at its west end.

STATEMENT OF SIGNIFICANCE

Criterion: _____ Area of significance: _____

Acreage _____
 Verbal Boundary Description _____
 Quadrangle Name _____ Quadrangle Scale _____
 UTM Reference: Zone _____ Easting _____ Northing _____

