

## Historic Saline Creek Bridge (H0119) Information:

Replacement of the Route 17 Bridge over Saline Creek in Miller County, Missouri will have an "adverse effect" on the existing bridge, which is eligible for the National Register of Historic Places (NRHP).

Built in 1925, it consists of a steel, six-panel, rigid-connected, Pratt through truss with two Warren pony truss approach spans. The main span is 120 feet long, and the total bridge length is 288 feet. It is supported on steel-reinforced concrete abutments, wingwalls, and dumbbell piers. The roadway width is 20 feet curb-to-curb. It was designed by the Missouri State Highway Department (MSHD), and constructed by Fogleman and Davidson at an erection cost of \$29,776. The MSHD used riveted Pratt configurations for its through trusses from the time the agency first developed standardized bridge designs in the late 1910s. Pratts were erected throughout the state in lengths ranging from 100 to 200 feet. The 1996 Missouri Historic Bridge Inventory originally listed 90 of this type built in the state prior to 1951. In 2008 their numbers had dwindled to 55, and several more have been replaced since then. H0119 is one of the older surviving members of this truss type in the state with only 12 older currently in existence. It is considered a good example of Missouri State Highway Department truss design in the 1920s, and is considered to be eligible for inclusion to the National Register of Historic Places (NRHP) under Criterion C in the area of Engineering.



The “adverse effect” to the historic bridge will require a two-party MOA for mitigation in the form of archival photographs and historic documentation to be submitted to the State Historic Preservation Office (SHPO) for curation. The bridge also will be advertised for adaptive reuse at a new location, and the Federal Highway Administration (FHWA) will be asked to approve a Programmatic Section 4(f) Evaluation for the project. Additional mitigation measures will be discussed in consultation with the SHPO and FHWA.

### Contact:

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