

# HAER INVENTORY

Missouri Historic Bridge Inventory

**NAME(S) OF STRUCTURE**

Lamine River Bridge  
MHTD: K 236

COOP03

**DATE(S) OF CONSTRUCTION**

1933

**LOCATION**

Missouri State Highway 41 over Lamine River; S10, T48N, R18W  
7.4 miles southwest of Boonville; Cooper County, Missouri

**USE (ORIGINAL / CURRENT)**

highway bridge / highway bridge

**RATING** NRHP possibly eligible (score: 50)

**CONDITION**

good

**OWNER**

Missouri Highway and Transportation Department

span number: 1; 2  
span length: 200'; 80'  
total length: 524.0'  
roadway wdt.: 22.0'

superstructure: steel, 9-panel, rigid-connected Parker through truss; rigid-connected Warren pony truss approach span at each end; three steel stringer approach spans  
substructure: concrete abutments, wingwalls and piers  
floor/decking: concrete deck over steel stringers  
other features: steel guardrails

This large-scale highway truss spans the Lamine River some seven miles southwest of Boonville, the Cooper County seat. The bridge is comprised of a 200-foot Parker through truss over the river's main channel, flanked on both sides by 80-foot Warren pony trusses. In 1933 engineers for the Missouri State highway Department designed the Lamine River Bridge as a replacement for an earlier county-built truss. A contract for its fabrication and erection was let that May to Carruthers and Crouch for \$40,246.02. Completed later that year, the Lamine River Bridge has carried vehicular traffic, with only maintenance-related repairs.

In the early 1930s the state highway department began using rigid-connected Parker trusses for its long-span crossings. With its polygonal upper chords, the Parker was somewhat more materially conservant than straight-chorded Pratt trusses, making its use more economical for spans in excess of 160 feet. Most of MSHD's Parkers ranged between 150 and 180 feet in span length. With its 200-foot length, the central span on the Lamine River Bridge in Cooper County ranked among the state's longest Parker trusses. Seven other 200-foot Parkers and two other bridges with longer spans have been identified by the statewide inventory. The Lamine River Bridge is thus a well-preserved, relatively long-span example of a mainstay structural type in Missouri.