

# Cedar Bluff Bridge

POLK06

## GENERAL DATA

structure no.: 079001.1      city/town: 12.8 miles northeast Bolivar  
county: Polk      feature inters.: Lindley Creek  
cadastral grid: S29, T35N, R21W  
highway route: County Road 79  
highway distr.: 8  
current owner: Polk County

## STRUCTURAL DATA

superstructure: steel, 7-panel, pin-connected Pratt through truss; 1 steel stringer approach span at east end  
substructure: concrete abutments and pier

span number: 1      condition: fair  
span length: 118.0'      alterations: none  
total length: 159.0'      floor/decking : timber deck over steel stringers  
roadway width: 11.5'      other features: upper chord and inclined end post: 2 channels with cover plate and lacing; lower chord: 2 looped rectangular eyebars; vertical: 2 angles with lacing or 2 channels with lacing; diagonal: 2 looped rectangular eyebars; counter: round eyerod with turnbuckle; lateral bracing: round rod with threaded ends; strut: 2 angles; floor beam: I-beam, field-bolted to vertical; guardrail: 2 angles; portal builder's plate: 1911 THE CANTON BRIDGE Co. BUILDERS CANTON OHIO

## HISTORICAL DATA

erection date: 1911  
erection cost: \$3340.00  
designer: Canton Bridge Company, Canton OH  
fabricator : Canton Bridge Company, Canton OH  
contractor: Canton Bridge Company, Canton OH

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 079001.1; Polk County Court Record (Special Sessions): page 602 (12 August 1911), page 604 (5 September 1911); Polk County Court Record, Book S: page 38 (6 May 1912) - located at Polk County Courthouse, Bolivar MO; field inspection by Clayton Fraser, 28 January 1990.

sign. rating: 41  
evaluation: NRHP non-eligible (well-documented example of a common truss configuration, with standard detailing, unremarkable dimensions and an average degree of physical integrity)

inventoried by: Clayton B. Fraser      1 March 1993

# HAER INVENTORY

Missouri Historic Bridge Inventory

**NAME(S) OF STRUCTURE**

Cedar Bluff Bridge  
MHTD: 079001.1

POLK06

**DATE(S) OF CONSTRUCTION**

1911

**LOCATION**

County Road 79 over Lindley Creek; S29, T35N, R21W  
12.8 miles northeast Bolivar; Polk County, Missouri

**USE (ORIGINAL / CURRENT)**

roadway bridge / roadway bridge

**RATING** NRHP non-eligible (score: 41)

**CONDITION**

fair

**OWNER**

Polk County

span number: 1  
span length: 118.0'  
total length: 159.0'  
roadway wdt.: 11.5'

superstructure: steel, 7-panel, pin-connected Pratt through truss; 1 steel stringer approach span at east end  
substructure: concrete abutments and pier  
floor/decking: timber deck over steel stringers  
other features: upper chord and inclined end post: 2 channels with cover plate and lacing; lower chord: 2 looped rectangular eyebars; vertical: 2 angles with lacing or 2 channels with lacing; diagonal: 2 looped rectangular eyebars; counter: round eyerod with turnbuckle; lateral bracing: round rod with threaded ends; strut: 2 angles; floor beam: I-beam, field-bolted to vertical; guardrail: 2 angles; portal builder's plate: 1911 THE CANTON BRIDGE Co. BUILDERS CANTON OHIO

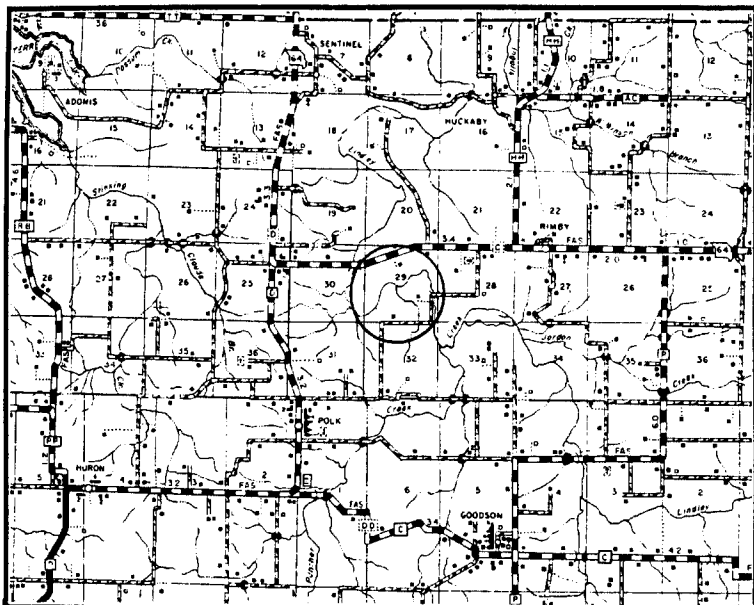
The Cedar Bluff Bridge carries a county road across Lindley Creek about thirteen miles northeast of Bolivar. Designed as a pin-connected Pratt through truss, the structure was erected in 1911 by the Canton Bridge Company. In August 1911 the Polk County Court ordered that a site be selected to locate a wagon bridge across Lindley Creek at the Cedar Bluff Ford. Later that month, the county advertised for bids, which were received by September 5, 1911. Four days later, the bids were opened, and Canton was awarded the contract to build the structure. Canton had actually presented the county four separate options, but the proposal that was accepted called for a 118-foot main span with one 42-foot approach, to be erected at a cost of \$3340.00. Apparently work on the project proceeded on schedule, as on May 6, 1912, the county issued a warrant to Canton in the amount of \$3340.00. The bridge maintains good physical integrity. It still carries vehicular traffic in its original location, and has had no apparent alterations. The Cedar Bluff Bridge is a well-documented example of a common truss configuration, with standard detailing, unremarkable dimensions and an average degree of physical integrity.

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**NAME(S) OF STRUCTURE**

Cedar Bluff Bridge

**PHOTOS AND SKETCH MAP OF LOCATION**



**LOCATION MAP**

TAKEN FROM MISSOURI HIGHWAY AND TRANSPORTATION DEPARTMENT  
GENERAL HIGHWAY MAP

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**SOURCES**

Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 079001.1; Polk County Court Record (Special Sessions): page 602 (12 August 1911), page 604 (5 September 1911); Polk County Court Record, Book S: page 38 (6 May 1912) - located at Polk County Courthouse, Bolivar MO; field inspection by Clayton Fraser, 28 January 1990.

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**INVENTORIED BY**

Clayton B. Fraser

**AFFILIATION**

Fraserdesign, Loveland CO

**DATE**

1 March 1993

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