Riverside Bridge

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GENERAL DATA

structure no.: 209001.5  city/town: 2.8 miles north of Ozark
county: Christian  feature inters.: Finley River
cadastral grid: S14, T27N, R21W  highway route: County Road 209
highway distr.: 8  current owner: Christian County

STRUCTURAL DATA

superstructure: steel, 6-panel, pin-connected Pratt through truss with steel stringer approach spans
substructure: concrete abutments, wingwalls and piers
span number: 2  condition: good
span length: 100.0'  alterations: guardrail, deck and approach spans replaced
total length: 274.0'  floor/decking: concrete over corrugated steel deck with 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: 1 square looped eyebars, 2 channels with lacing; diagonal: 2 looped square eyebars; counter: 1 round eyebar with turnbuckle; lateral bracing: round rod with threaded ends; strut: 2 angles; floor beam: I-beam, field-bolted to vertical; guardrail: 2 channels; portal strut: angle A-frame with decorative lacing; portal builder's plate: 1909 / THE CANTON BRIDGE Co. BUILDERS / CANTON OHIO

HISTORICAL DATA

erection date: 1909  erection cost: $3648.00 (contract amount)
designer: Canton Bridge Company, Canton OH
fabricator: Canton Bridge Company, Canton OH; Cambria Steel Company, Pittsburgh PA
contractor: Canton Bridge Company, Canton OH
references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 209001.5; Christian County Court Record, Book 12: July 1909, 4 August 1909, 28 September 1909, 14 February 1910, 8 March 1910, located at Christian County Courthouse, Ozark, Missouri; field inspection by Clayton Fraser, 26 January 1990.
sign. rating: 45  evaluation: NRHP non-eligible (typical example of common bridge type)

inventoried by: Clayton B. Fraser  26 February 1992
NAME(S) OF STRUCTURE
Riverdale Bridge

PHOTOS AND SKETCH MAP OF LOCATION

LOCATION MAP
TAKEN FROM MISSOURI HIGHWAY AND TRANSPORTATION DEPARTMENT GENERAL HIGHWAY MAP

SOURCES
Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 187000.4; Christian County Court Record, Book 11: 12 June 1906, 10 August 1906, (contract) 17 December 1906, 5 February 1907, 9 May 1907, 10 May 1907, 29 May 1907, located at Christian County Courthouse, Ozark, Missouri; Fraserdesign, "Riverdale Bridge: Preliminary Determination of NRHP Eligibility," 8 March 1991; field inspection by Clayton Fraser and Paula Sutton, 26 January 1990.

INVENTORIED BY
Clayton B. Fraser

AFFILIATION
Fraserdesign, Loveland CO

DATE
26 February 1990
In August 1909 the Christian County Court received bids for a bridge that would span Finley Creek at the Old Wagon Bridge site by the Cumming Factory north of Ozark. The court that month contracted with the Canton Bridge Company to fabricate and build the two-span truss for $3648.00. Canton had poured the concrete piers and abutments by the end of September; by the end of the year the Ohio-based company had fabricated the trusses from steel rolled by Cambria and erected them on-site. The Riverside Bridge's two channel spans each measure 100 feet in length, and are approached on one side by steel stringer spans (since replaced). The deck and guardrails have also been replaced. The structure, otherwise, has maintained its original integrity, and continues to carry vehicular traffic.

From the turn of the century until the late 1910s, the Canton Bridge Company designed, fabricated and erected virtually all of Christian County's truss bridges. The Riverside Bridge reflects Canton's proclivity for pin-connected Pratt trusses. It typifies medium-scale truss design and detailing for its period of construction - and is one of thousands of Pratt through trusses built throughout the state in the early 20th century. With unremarkable design and modest dimensions, the Riverside Bridge is one of hundreds of such trusses that remain in place on Missouri's county roads.
NAME(S) OF STRUCTURE
Riverside Bridge

PHOTOS AND SKETCH MAP OF LOCATION

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SOURCES
Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 209001.5; Christian County Court Record, Book 12: July 1909, 4 August 1909, 28 September 1909, 14 February 1910, 8 March 1910, located at Christian County Courthouse, Ozark, Missouri; field inspection by Clayton Fraser and Paula Sutton, 26 January 1990.

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DATE
26 February 1990
NAME(S) OF STRUCTURE
McCracken Street Bridge

PHOTOS AND SKETCH MAP OF LOCATION

LOCATION MAP
TAKEN FROM MISSOURI HIGHWAY AND TRANSPORTATION DEPARTMENT
GENERAL HIGHWAY MAP

SOURCES
Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 328500.1; Missouri State Highway Commission, Fourth Biennial Report: 1923-24, p. 119; Missouri State Highway Department Primary System Bridge Record (abandoned or void-due-to-relocation structures), located at Bridge Division, MHTD, Jefferson City MO; Bridge Drawings G-325, located at MHTD, Jefferson City MO; field inspection by Clayton Fraser and Paula Sutton, 26 January 1990.

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DATE
26 February 1990
NAME(S) OF STRUCTURE
Red Bridge

PHOTOS AND SKETCH MAP OF LOCATION

LOCATION MAP
TAKEN FROM MISSOURI HIGHWAY AND TRANSPORTATION DEPARTMENT
GENERAL HIGHWAY MAP

SOURCES
Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 433000.4; Christian County Court Record, Book 14: 22 December 1914, 3 November 1915, located at Christian County Courthouse, Ozark, Missouri; field inspection by Clayton Fraser and Paula Sutton, 26 January 1990.

INVENTORIED BY
Clayton B. Fraser

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Fraserdesign, Loveland CO

DATE
26 February 1990