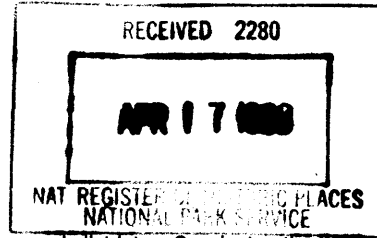


United States Department of the Interior
National Park Service

National Register of Historic Places
Registration Form



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This form is for use in nominating or requesting determinations for individual properties and districts. See instructions in *How to Complete the National Register of Historic Places Registration Form* (National Register Bulletin 16A). Complete each item by marking "x" in the appropriate box or by entering the information requested. If an item does not apply to the property being documented, enter "N/A" for "not applicable." For functions, architectural classification, materials, and areas of significance, enter only categories and subcategories from the instructions. Place additional entries and narrative items on continuation sheets (NPS Form 10-900a). Use a typewriter, word processor, or computer, to complete all items.

1. Name of Property

historic name Fish Creek Bridge

other names/site number _____

2. Location

street & number Hickory road over Fish Creek not for publication

city or town 2.1 miles east of Salem vicinity

state Iowa code IA county Henry code 087 zip code 52649

3. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act, as amended, I hereby certify that this nomination request for determination of eligibility meets the documentation standards for registering properties in the National Register of Historic Places and meets the procedural and professional requirements set forth in 36 CFR Part 60. In my opinion, the property meets does not meet the National Register criteria. I recommend that this property be considered significant nationally statewide locally. (See continuation sheet for additional comments.)

Patricia Christy DSHPD 4-7-98
Signature of certifying official/Title Date
STATE HISTORICAL SOCIETY OF IOWA

State or Federal agency and bureau _____

In my opinion, the property meets does not meet the National Register criteria. (See continuation sheet for additional comments.)

Signature of certifying official/Title _____ Date _____

State or Federal agency and bureau _____

4. National Park Service Certification

I hereby certify that the property is:

- entered in the National Register
 - See continuation sheet
- determined eligible for the National Register
 - See continuation sheet
- determined not eligible for the National Register
- removed from the National Register
- other, (explain): _____

Edson H. Beall 5.15.98

5. Classification

Ownership of Property
(Check as many boxes as apply)

- private
- public-local
- public-State
- public-Federal

Category of Property
(Check only one box)

- building(s)
- district
- site
- structure
- object

Number of Resources within Property
(Do not include previously listed resources in the count)

Contributing	Noncontributing	
0	0	buildings
0	0	sites
1	0	structures
0	0	objects
1	0	Total

Name of related multiple property listing
(Enter "N/A" if property is not part of a multiple property listing)

Highway Bridges of Iowa

Number of contributing resources previously listed in the National Register

0

6. Function or Use

Historic Functions
(Enter categories from instructions)

TRANSPORTATION/road-related

Current Functions
(Enter categories from instructions)

TRANSPORTATION/road-related

7. Description

Architectural Classification
(Enter categories from instructions)

other: pinned Pratt bedstead

Materials
(Enter categories from instructions)

foundation Timber pile

walls _____

roof _____

other Wrought Iron

Narrative Description

(Describe the historic and current condition of the property on one or more continuation sheets)

Located 2.1 miles east of Salem, the Fish Creek Bridge spans Fish Creek in a rural Henry County setting that has changed little since the structure's period of significance. A description of the structure follows:

span number:	1	construction date:	1894
span length:	32.0'	construction cost:	\$410.80 (superstructure cost)
total length:	50.0'	current condition:	fair
roadway wdt.:	16.0'	alterations:	none

superstructure: wrought iron, pin-connected Pratt truss-leg bedstead; timber stringer approach span on north end with timber pile bent abutments

substructure: truss leg piers, with timber pile bent abutments

floor/decking: timber deck over timber stringers

other features: upright end post: 2 channels with I-beam in between; upper chord: 2 channels with cover and batten plates; lower chord: small I-beam; vertical: 4 angles with lacing; diagonal: 2 looped square eyebars; floor beam: I-beam, U-bolted to lower chord pins

Other than maintenance-related repairs, the bridge remains essentially unaltered as it continues to carry vehicular traffic. The Fish Creek Bridge today retains a high degree of integrity of location, design, setting, materials, workmanship, feeling and association.

8. Statement of Significance

Applicable National Register Criteria

(Mark "x" in one or more boxes for the criteria qualifying the property for National Register listing)

- A Property is associated with events that have made a significant contribution to the broad patterns of our history.
B Property is associated with the lives of persons significant in our past.
C Property embodies the distinctive characteristics of a type, period, or method of construction or represents the work of a master, or possesses high artistic values, or represents a significant and distinguishable entity whose components lack individual distinction.
D Property has yielded, or is likely to yield, information important in prehistory or history.

Criteria Considerations

(Mark "x" in all the boxes that apply)

Property is:

- A owned by a religious institution or used for religious purposes.
B removed from its original location.
C a birthplace or grave.
D a cemetery.
E a reconstructed building, object, or structure.
F a commemorative property.
G less than 50 years of age or achieved significance within the past 50 years.

Narrative Statement of Significance

(Explain the significance of the property on continuation sheets.)

Areas of Significance

(Enter categories from instructions)

ENGINEERING

Period of Significance

1894

(The period of significance is derived from the original construction date.)

Significant Dates

1894 (construction date)

Significant Person

(Complete if Criterion B is marked above)

N/A

Cultural Affiliation

N/A

Architect/Builder

designer:

George E. King Bridge Co., Des Moines IA

fabricator:

King Iron Bridge Company, Cleveland OH

builder:

county work force

9. Major Bibliographical References

Bibliography

(Cite the books, articles, and other sources used in preparing this form on one or more continuation sheets.)

Previous documentation on file (NPS):

- preliminary determination of individual listing (36 CFR 67) has been requested
previously listed in the National Register
previously determined eligible by the National Register
designated a National Historic Landmark
recorded by Historic American Buildings Survey
recorded by Historic American Engineering Record

Primary location of additional data:

- State Historic Preservation Office
other State agency
Federal agency
Local government
University
other
name of repository:

10. Geographical DataAcreage of Property less than one acre**UTM References**

(Place additional UTM references on a continuation sheet)

1 15 619630 4523300
zone easting northing2 _____
zone easting northing**Verbal Boundary Description**

(Describe the boundaries of the property)

The nominated property is a rectangular-shaped parcel measuring 18 feet by 50 feet, which is centered on the UTM point(s) listed above. Included within this rectangular parcel are the bridge's superstructure, substructure, approach spans and floor system.

Boundary Justification

(Explain why the boundaries were selected)

The nominated structure includes the bridge's superstructure, substructure, floor system, any approach spans and the property on which they rest. These boundaries encompass, but do not exceed, all of the property that has been historically associated with the bridge.

11. Form Prepared Byname/title Clayton B. Fraserorganization Fraserdesign date 31 August 1994street & number 1269 Cleveland Avenue telephone 303-669-7969city or town Loveland state Colorado zip code 80537**Additional Documentation**

Submit the following items with the completed form:

Continuation Sheets**Maps**A **USGS map** (7½ or 15 minute series) indicating the property's locationA **Sketch map** for historic districts and properties having large acreage or numerous resources**Photographs**Representative **black and white photographs** of the property**Additional Items**

(Check with the SHPO or FPO for any additional items)

Property Owner

(Complete this item at the request of SHPO or FPO)

name/title Henry Countystreet & number P.O. Box 655 telephone 319-385-0762city or town Mount Pleasant state Iowa zip code 52641

Paperwork Reduction Act Statement: This information is being collected for applications to the National Register of Historic Places to nominate properties for listing or determine eligibility for listing, to list properties, and to amend existing listings. Response to this request is required to obtain a benefit in accordance with the National Historic Preservation Act, as amended (16 U.S.C. 470 *et seq.*).

Estimated Burden Statement: Public reporting burden for this form is estimated to average 18.1 hours per response including time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding this burden estimate or any aspect of this form to the Chief, Administrative Services Division, National Park Service, P.O. Box 37127, Washington, DC 20013-7127; and the Office of Management and Budget, Paperwork Reductions Projects (1024-0018), Washington, DC 20503.

**United States Department of the Interior
National Park Service**

**National Register of Historic Places
Continuation Sheet**

Section Number 8 Page 1 Fish Creek Bridge Henry County; Iowa

Located some two miles east of Salem, this small-scale wrought iron bridge carries a gravel-surfaced county road over Fish Creek. The structure consists of a single pinned Pratt bedstead, with the endposts forming the truss-leg substructure. The Fish Creek Bridge dates to 1893. On June 12th of that year, the Henry County Board of Supervisors ordered two 32-foot wrought iron trusses from the George E. King Bridge Company of Des Moines. Presumably fabricated by King's parent company, the King Iron Bridge Company of Cleveland, the two spans were delivered that year for \$410.80 each. County records do not state who erected the trusses, but it is assumed that the fish Creek Bridge and the other structure (now gone) were built by local labor, probably a county work force made up of day laborers. The Fish Creek Bridge has survived to the present, and it continues to carry vehicular traffic at this rural Jackson Township crossing, in essentially unaltered condition.

As one of the most prolific 19th century bridge erector in Iowa, the George E. King Bridge Company maintained an extensive catalog of steel and iron spans in the 1890s, ranging from the standard to the esoteric. With its pinned Pratt configuration, the Fish Creek Bridge represents the former more than the latter. The bedstead truss enjoyed brief popularity in Iowa in the 1890s and early 1900s. A single "leg" functioned as both end post and support at each corner. This combined super- and substructure reduced erection costs somewhat, but bedstead trusses were prey to flood and collision damage and suffered from inherent structural weaknesses relating to compression stress in the lower chords. Only a dozen or so bedsteads remain in Iowa today. The fish Creek Bridge is distinguished among these for its relatively early construction date. It is a noteworthy example of this uncommon Pratt truss variant.

**United States Department of the Interior
National Park Service**

**National Register of Historic Places
Continuation Sheet**

Section Number 9 Page 2 Fish Creek Bridge Henry County; Iowa

Iowa Department of Transportation, Structure Inventory and Appraisal: Structure No. 180080.

Henry County Board of Supervisors' Record, Book D: page 318 (12 June 1893) - located at the Henry County Courthouse, Mt. Pleasant IA.

Field inspection by Clayton Fraser, 26 October 1991.