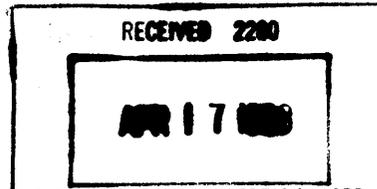


United States Department of the Interior
National Park Service



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National Register of Historic Places
Registration Form

This form is for use in nominating or requesting determinations for individual properties and districts. **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 Lower Road Bridge

other names/site number _____

2. Location

street & number Buffalo road over branch of Wapsipinicon River not for publication

city or town 0.6 mile northwest of Anamosa vicinity

state Iowa code IA county Jones County code 105 zip code 52205

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 Orlin King 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)

VACANT/not in use

7. Description

Architectural Classification
(Enter categories from instructions)

other: bowstring through arch-truss

Materials
(Enter categories from instructions)

foundation Stone masonry
 walls
 roof
 other Wrought iron

Narrative Description

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

Located 0.6 mile northwest of Anamosa, the Lower Road Bridge spans a branch of the Wapsipinicon River in a rural Jones County setting that has changed little since the structure's period of significance. A description of the structure follows:

span number: 1; 1 construction date: 1878
 span length: 105.0'; 50.0' construction cost: unknown
 total length: 160.0' current condition: fair
 roadway wdt.: unknown alterations: none

superstructure: wrought iron, 10-panel bowstring through arch-truss, with iron, 6-panel bowstring pony arch-truss approach
 substructure: stone masonry abutments and pier
 floor/decking: timber deck over timber stringers
 other features: arch: built-up box, with 2 channels and 2 continuous plates; lower chord: 2 rectangular eyebars; vertical: 2 star irons with lacing and 1 star iron; diagonal: 1 round rod with threaded ends; lateral bracing: built-up steel member; strut: 1 tube; floor beam: I-beam and 2 timber beams; railing: timber

Other than maintenance-related repairs, the bridge remains essentially unaltered as it continues to carry vehicular traffic. The Lower Road 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

1878

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

Significant Dates

1878 (construction date)

Significant Person

(Complete if Criterion B is marked above)

N/A

Cultural Affiliation

N/A

Architect/Builder

designer:

King Iron Bridge and Manufacturing Co.

fabricator:

King Iron Bridge and Manufacturing Co.

builder:

King Iron Bridge and Manufacturing Co.

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 Data

Acreage of Property less than one acre

UTM References

(Place additional UTM references on a continuation sheet)

1 15 639940 4643200
zone easting northing

2 _____
zone easting northing

Verbal Boundary Description

(Describe the boundaries of the property)

The nominated property is a rectangular-shaped parcel of an unknown width by 160 feet long, 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 By

name/title Robert Hybben, Michelle Crow-Dolby and Clayton Fraser

organization Fraserdesign date 31 August 1994

street & number 1269 Cleveland Avenue telephone 303-669-7969

city 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 location

A **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 Jones County

street & number P.O. Box 368 telephone 319-462-3785

city or town Anamosa state Iowa zip code 52205

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 Lower Road Bridge Jones County County; Iowa

Located northwest of Anamosa on what was known historically as the Lower Road, this two-span iron bridge spans a branch of the Wapsipinicon River. The structure is comprised of two bowstring arch-trusses - one through and one pony - supported by massive stone masonry pier and abutments. The bridge was fabricated and erected here in 1878 by the King Iron Bridge and Manufacturing Company of Cleveland, using a King patented tubular arch configuration. Now abandoned by the county and used to provide access to a private farm field, the Lower Bridge remains in place in essentially unaltered condition.

The bowstring arch-truss was the iron span of choice for Iowa counties in the late 1860s and 1870s. Marketed exclusively throughout the Midwest by several companies, including Ohio-based industry giants such as the Wrought Iron Bridge Company, the King Iron Bridge Company and the Massillon Bridge Company, these often-patented bridge configurations featured a wide range of span lengths, economical fabrication cost and relatively quick erection. The proliferation of the bowstring corresponded with the initial development of Iowa's road system, and as a result, perhaps thousands of these prototypical iron spans were erected throughout the state. The bowstring had some rather severe structural flaws, however, relating primarily to lateral stability of the arches, and it was largely superseded by the pin-connected truss in the early 1880s. Despite this, some bowstrings were still erected in Iowa in the 1880s, although the number dwindled precipitously by the decade's end. Through subsequent attrition, almost all of Iowa's bowstrings have since been replaced and demolished. Now less than twenty remain in place. Because of its excellent state of preservation, this private bowstring arch-truss is an outstanding early transportation-related resource.

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

**National Register of Historic Places
Continuation Sheet**

Section Number 9 Page 2 Lower Road Bridge Jones County County; Iowa

James E. Jacobsen, "Corbett's/Eby's Mill Bridge," National Register of Historic Places Nomination Form, 13 February 1985.

Field inspection by Clayton Fraser, 9 December 1990.