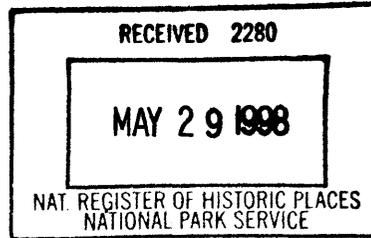


**United States Department of the Interior  
National Park Service**

**National Register of Historic Places  
Registration Form**



790

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 Hawkeye Creek Bridge

other names/site number \_\_\_\_\_

**2. Location**

street & number Hawkeye road over Hawkeye Creek  not for publication

city or town 6.5 miles northeast of Mediapolis  vicinity

state Iowa code IA county Des Moines code 057 zip code 52637

**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 5-6-98  
Signature of certifying official/Title Date

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 6-25-98

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**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: riveted Pratt through truss

**Materials**

(Enter categories from instructions)

foundation Timber

walls \_\_\_\_\_

roof \_\_\_\_\_

other Steel

**Narrative Description**

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

Located 6.5 miles northeast of Mediapolis, the Hawkeye Creek Bridge spans Hawkeye Creek in a rural Des Moines County setting that has changed little since the structure's period of significance. A description of the structure follows:

span number: 1	construction date: 1909-10
span length: 80.0'	construction cost: unknown
total length: 80.0'	current condition: fair
roadway wdt.: 15.7'	alterations: none

superstructure: steel, 5-panel, rigid-connected Pratt through truss  
 substructure: concrete abutments and wingwalls  
 floor/decking: timber deck over steel stringers  
 other features: upper chord and inclined end post: 2 channels with cover plate and lacing; lower chord: 4 angles with cover plate and lacing; vertical: 4 angles with batten plates; diagonal: 2 angles with batten plates; lateral bracing: round rod with threaded ends; strut: 4 angles with lacing, knee braced; floor beam: I-beam; guardrail: steel angle guardrail; A-frame portal strut

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

1909-10

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

Significant Dates

1909-10 (construction date)

Significant Person

(Complete if Criterion B is marked above)

N/A

Cultural Affiliation

N/A

Architect/Builder

designer:

Clinton Bridge and Iron Works, Clinton IA

fabricator:

Clinton Br. & Iron Works; Illinois Steel Co.

builder:

Clinton Bridge and Iron Works, Clinton IA

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:

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

**National Register of Historic Places  
Continuation Sheet**

Section Number 8 Page 1 Hawkeye Creek Bridge Des Moines County; Iowa

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This short-span through truss carries a gravel-surfaced road over Hawkeye Creek northeast of Mediapolis. The bridge consists of a single rigid-connected Pratt through truss, supported by concrete abutments. The Hawkeye Creek Bridge dates to 1909. On September 23rd of that year the Des Moines County Board of Supervisors contracted with the Clinton Bridge and Iron Works for this 80-foot span and two other, smaller steel structures. Presumably completed the following year, the Hawkeye Creek Bridge has carried vehicular traffic since, in essentially unaltered condition.

When this bridge was let for bids in 1909, the Iowa State Highway Commission had not yet begun standardizing bridge design in the state. This left counties such as Des Moines to depend - as they had for decades before - largely on the bridge companies themselves for both engineering and construction. Firms such as the Clinton Bridge and Iron Works relied almost exclusively on pin-connected trusses up until about 1910, when they began to use riveted trusses as well. With its riveted Pratt through truss, the Hawkeye Creek Bridge was built during this transitional period between independently designed, rigid-connected trusses and ISHC standard design spans. It resembled the 1914 state standards in design but differed slightly in detail, indicative of its independent source. It is thus technologically significant as one of the few of the pre-ISHC riveted through trusses - the oldest example of its type in Iowa.

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

**National Register of Historic Places  
Continuation Sheet**

Section Number   9   Page   2   Hawkeye Creek Bridge Des Moines County; Iowa

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Iowa Department of Transportation, Structure Inventory and Appraisal: Structure No. 144120.

Clinton Bridge and Iron Works Contract (23 September 1909) - located at the Des Moines County Courthouse, Burlington IA.

Field inspection by Clayton Fraser, 17 August 1991.

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

(Place additional UTM references on a continuation sheet)

1 15 663290 4545080  
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 80 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 By**name/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 Des Moines Countystreet & number 13522 Washington Road telephone 319-753-8241city or town Burlington state Iowa zip code 52655

**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.