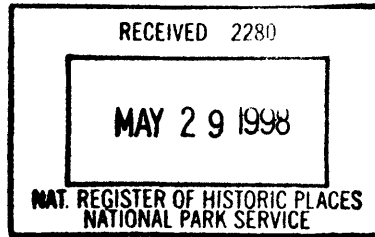


United States Department of the Interior
National Park Service

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 Upper Iowa River Bridge

other names/site number Hartley Bridge

2. Location

street & number Mays Prairie road over Upper Iowa River not for publication

city or town 4.8 miles southeast of Dorchester vicinity

state Iowa code IA county Allamakee code 005 zip code 52140

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 Churskiny OSHPD 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

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 Concrete

walls

roof

other Steel

Narrative Description

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

Located 4.8 miles southeast of Dorchester, the Upper Iowa River Bridge spans Upper Iowa River in a rural Allamakee County setting that has changed little since the structure's period of significance. A description of the structure follows:

span number: 1 construction date: 1913-14
span length: 120.0' construction cost: \$7760.98
total length: 122.0' current condition: fair
roadway wdt.: 16.0' alterations: none

superstructure: steel, 6-panel, rigid-connected Pratt through truss

substructure: concrete abutments and wingwalls

floor/decking: concrete over steel stringers

other features: upper chord / inclined end post: 2 channels with cover plate and lacing; lower chord: 4 angles with lacing; vertical: 2 channels with lacing; diagonal: 4 angles with lacing; lateral bracing: 1 angle; strut: 4 angles with lacing and knee braces; floor beam: I-beam, field-bolted to vertical; guardrail: steel lattice; portal-mounted, pierced builder's plate: ***CLINTON BRIDGE WORKS CLINTON IOWA***

The Upper Iowa River Bridge remains essentially unaltered as it continues to carry vehicular traffic. It 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

1913-14

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

Significant Dates

1913-14 (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 Bridge/Iron Wks; Illinois Steel Co.

builder:

Clinton Br/Iron Wks; Chambers and Dobson

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	<u>15</u>	<u>628540</u>	<u>4809870</u>	2	<u> </u>	<u> </u>	<u> </u>
	zone	easting	northing		zone	easting	northing

Verbal Boundary Description

(Describe the boundaries of the property)

The nominated property is a rectangular-shaped parcel measuring 18 feet by 122 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	<u>Clayton B. Fraser</u>		
organization	<u>Fraserdesign</u>	date	<u>31 August 1994</u>
street & number	<u>1269 Cleveland Avenue</u>	telephone	<u>303-669-7969</u>
city or town	<u>Loveland</u>	state	<u>Colorado</u> zip code <u>80537</u>

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	<u>Allamakee County</u>		
street & number	<u>P.O. Box 493</u>	telephone	<u>319-568-4574</u>
city or town	<u>Waukon</u>	state	<u>Iowa</u> zip code <u>52172</u>

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 Upper Iowa River Bridge Allamakee County; Iowa

This medium-span through truss carries a gravel-surfaced road over the Upper Iowa River southeast of Dorchester, in Union City Township. The road is presently a secondary one, but the crossing was once located on the main road between Dorchester and New Albin. The first permanent bridge was built here around 1870 by Allamakee County. Comprised of a two-span bowstring arch-truss, it had deteriorated to the point of replacement by the early 1910s. In 1913 the county removed the old bridge and solicited competitive proposals for its replacement. Although the project was relatively modest in scale, bids were received from 13 state and regional firms. The contract to build the new concrete substructure was awarded to New Hampton, Iowa, firm Chambers and Dobson for \$2585.00. The Clinton Bridge and Iron Works were hired to fabricate and erect the rigid-connected Pratt truss for \$3490.00. Using steel components rolled by the Illinois Steel Company, Clinton fabricated the truss and shipped it to Allamakee County. The Upper Iowa River Bridge was completed in July 1914. It has functioned in place since in unaltered condition.

When this bridge was let for bids in 1913, the Iowa State Highway Commission was just getting underway with its legislatively mandated program to standardize bridge design in the state. Although the highway commission delineated standards for pony trusses and small-scale concrete structures in 1913, it was not until the following year that through truss designs were developed. This left counties such as Allamakee to depend - as they had for decades before - largely on the bridge companies themselves for both engineering and construction. The Upper Iowa River Bridge was built during this transitional period. Using a rigid-connected Pratt through truss, 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 last of the pre-ISHC trusses in the state. Of less momentous importance is the builder's plate on the bridge's portal. Consisting of a pierced plate with crenelated top, it is the only one of its kind identified by the statewide bridge inventory.

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

**National Register of Historic Places
Continuation Sheet**

Section Number 9 Page 2 Upper Iowa River Bridge Allamakee County; Iowa

Iowa Department of Transportation, Structure Inventory and Appraisal: Structure No. 063250.

Allamakee County Bridge Record No. 1 (second book, up to 1940).

Field inspection by Clayton Fraser, 13 October 1990.