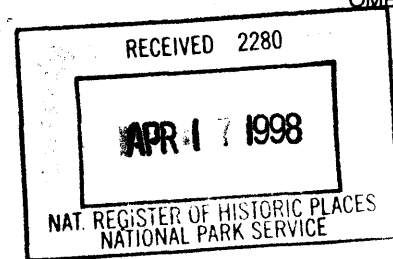


**United States Department of the Interior
National Park Service**

**National Register of Historic Places
Registration Form**



499

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 Le Grand Bridge

other names/site number _____

2. Location

street & number County Road t 37 over backwater of the Iowa River not for publication

city or town 1.3 miles north of Le Grand vicinity

state Iowa code IA county Marshall code 127 zip code 50142

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 Oster King DSTRP 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 A. 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: concrete deck girder

Materials

(Enter categories from instructions)

foundation Concrete

walls

roof

other Concrete

Narrative Description

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

Located 1.3 miles north of Le Grand, the Le Grand Bridge spans a backwater of the Iowa River in a rural Marshall County setting that has changed little since the structure's period of significance. A description of the structure follows:

span number: 3	construction date: 1914-15
span length: 35.0'	construction cost: \$1069.89
total length: 110.0'	current condition: fair
roadway wdt.: 20.0'	alterations: none

superstructure: concrete deck girder
 substructure: concrete abutments, wingwalls and piers
 floor/decking: concrete deck
 other features: ISHC standard concrete guardrails with recessed rectangular panels

Other than maintenance-related repairs, the Le Grand Bridge remains essentially unaltered. 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

1914-15

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

Significant Dates

1914-15 (construction date)

Significant Person

(Complete if Criterion B is marked above)

N/A

Cultural Affiliation

N/A

Architect/Bulder

designer:

Marshall Cty. Eng./Iowa State Hwy. Comm.

fabricator:

none

builder:

Capital City Constr. Co., Des Moines 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:

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

(Place additional UTM references on a continuation sheet)

1 15 517960 4652890
zone easting northing2 _____
zone easting northing**Verbal Boundary Description**

(Describe the boundaries of the property)

The nominated property is a rectangular-shaped parcel measuring 22 feet by 110 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 Marshall Countystreet & number 1 East Main Street telephone 515-754-6343city or town Marshalltown state Iowa zip code 50158

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 Le Grand Bridge Marshall County; Iowa

In July of 1914 the Marshall County Board of Supervisors inspected a bridge spanning the Iowa River on the eastern edge of the county in Le Grand Township. One of nine metal spans over the Iowa River in the county, it had by then deteriorated to the point of replacement. Using a standard plan developed by the Iowa State Highway Commission, county engineer W.W. Morehouse designed this three-span reinforced concrete slab and girder as a replacement. The supervisors contracted with the Des Moines-based Capital City Construction Company to build the structure, which was completed early in 1915. The Le Grand Bridge carried traffic as a major transportation link for over fifty years. When the county later rechanneled the river and rerouted the road, however, the Le Grand Bridge was bypassed. It now stands abandoned in deteriorating condition over a backwater of the river .

Part of an extensive bridge building program undertaken by Marshall County between 1909 and 1920, the Le Grand Bridge is one of the largest and most complex of the hundreds of reinforced concrete structures constructed by the county. It typifies the bridge building process in Iowa in the 1910s, codified by the Brockway Act in 1913, in which counties used ISHC standard designs as the basis for contracts with private bridge companies. The bridge is further distinguished as an early, multiple-span example of concrete girder construction in Iowa - one of only a few such structures remaining in the state today.

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

**National Register of Historic Places
Continuation Sheet**

Section Number 9 Page 2 Le Grand Bridge Marshall County; Iowa

Proceedings of the Marshall County Board of Supervisors, 26 March 1913, 7 April 1913, 10 July 1914, 3 August 1914, 22 May 1922, located at Marshall County Courthouse, Marshalltown IA.

Field inspection by Clayton Fraser, 12 September 1988.