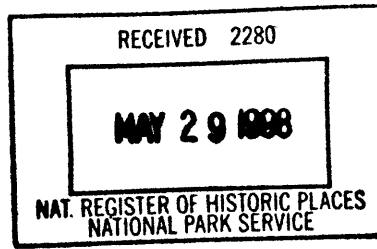


**United States Department of the Interior
National Park Service**



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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. 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 Big Creek Bridge

other names/site number _____

2. Location

street & number 2110 300th St. over Big Creek not for publication

city or town 4.3 miles northeast of Madrid vicinity

state Iowa code IA county Boone code 015 zip code 50156

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 Orlerting DSHPO 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):

Elson H. Bell 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: pinned Pratt pony 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 4.9 miles southeast of Mediapolis, the Yellow Spring Creek Bridge spans Yellow Spring 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:	1891; 1898
span length:	90.0'	construction cost:	\$3640.00 (multiple-truss contract)
total length:	92.0'	current condition:	fair
roadway wdt.:	13.9'	alterations:	none

superstructure: steel, 5-panel, pin-connected Pratt half-hip pony truss

substructure: stone masonry abutments

floor/decking: timber deck over steel stringers

other features: upper chord and inclined end post: 2 channels with lacing; lower chord: 2 looped square eyebars; vertical: 4 angles with batten plates; diagonal: 2 punched rectangular eyebars; counter: round eyerod with turnbuckle; lateral bracing: round rod with threaded ends; floor beam: riveted plate girder with knee braces; guardrail: timber

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

1891

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

Significant Dates

1891 (construction date)

Significant Person

(Complete if Criterion B is marked above)

N/A

Cultural Affiliation

N/A

Architect/Bullder

designer: unknown

fabricator: unknown

builder: J.H. Sparks (superst.); H. Wiswedel (subst.)

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 659580 4535960
zone easting northing2 _____
zone easting northing**Verbal Boundary Description**

(Describe the boundaries of the property)

The nominated property is a rectangular-shaped parcel measuring 16 feet by 92 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 Michelle Crow-Dolbyorganization 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 West 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.

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

**National Register of Historic Places
Continuation Sheet**

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

Located in Benton Township, southeast of Mediapolis, this bridge spans Yellow Spring Creek in central Des Moines County. The pinned Pratt half-hip pony truss, which dates to 1898, is supported by the stone abutments from an earlier structure. In the autumn of 1891 stone-mason H. Wiswedel was paid \$1000.00 for the construction of stone abutments for a bridge here. This structure lasted only seven years before it was damaged by violent flooding that swept the region in the summer of 1898. In September county officials contracted with St. Joseph, Missouri-based J.H. Sparks to erect five steel bridges, including this one in Section 8 across the Yellow Spring Creek. Evidently Sparks constructed the steel replacement truss on the original stone abutments built by Wiswedel. The aggregate cost of the multiple-bridge contract was \$3640.00. Completed the same year without incident, the truss continues to serve rural traffic in its heavily-wooded setting. It is a well-preserved, long-span example of a mainstay structural type in Iowa - the pinned Pratt half-hip pony truss.

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

**National Register of Historic Places
Continuation Sheet**

Section Number 9 Page 2 **Yellow Spring Creek Bridge** Des Moines County; Iowa

Iowa Department of Transportation, Structure Inventory and Appraisal: Structure No. 143510.

Des Moines County Board of Supervisors' Record Number 5: page 83 (26 August 1898), page 95 (28 September 1898) - located at the Des Moines County Courthouse, Burlington IA.

Bridge and Road Warrants No. 1 (9 October 1891) - located at the Des Moines County Courthouse, Burlington IA.

Field inspection by Clayton Fraser, 17 August 1991.