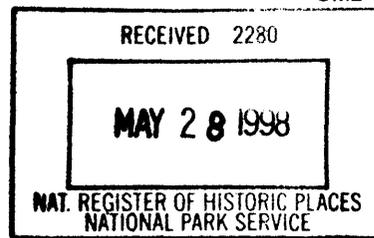


**United States Department of the Interior
National Park Service**



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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 280th Street Bridge

other names/site number _____

2. Location

street & number 280th Street over unnamed stream not for publication

city or town 5.0 miles southwest of Independence vicinity

state Iowa code IA county Buchanan code 019 zip code 50644

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 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 6-25-98

5. Classification

Ownership of Property
(Check as many boxes as apply)

Category of Property
(Check only one box)

Number of Resources within Property
(Do not include previously listed resources in the count)

- private
- public-local
- public-State
- public-Federal

- building(s)
- district
- site
- structure
- object

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)

Number of contributing resources previously listed in the National Register

Highway Bridges of Iowa

0

6. Function or Use

Historic Functions
(Enter categories from instructions)

Current Functions
(Enter categories from instructions)

TRANSPORTATION/road-related

TRANSPORTATION/road-related

7. Description

Architectural Classification
(Enter categories from instructions)

Materials
(Enter categories from instructions)

other: pinned kingpost pony truss

foundation Timber pile
walls
roof
other Steel

Narrative Description

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

Located 5.0 miles southwest of Independence, the bridge spans an unnamed stream in a rural Buchanan County setting that has changed little since the structure's period of significance. A description of the structure follows:

span number: 1	construction date: 1898
span length: 24.0'	construction cost: \$3304.70 (8-bridge contract)
total length: 39.0'	current condition: good
roadway wdt.: 16.0'	alterations: substructure replaced

superstructure: steel, pin-connected kingpost pony truss, with timber stringer approach span
 substructure: timber pile bent abutments and pier
 floor/decking: timber deck over timber stringers
 other features: inclined end post: 2 channels with cover and batten plates; lower chord: 2 looped square eyebars; vertical: 4 back-to-back angles with lacing; railing: 2 angles with lattice; floor beam: I-beam, U-bolted to lower chord pins; bottom lateral bracing: round rod with threaded ends; bracing: knee through deck

Other than maintenance-related repairs and alterations noted above, the bridge remains essentially unaltered as it continues to carry vehicular traffic. The 280th Street 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

1898

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

Significant Dates

1898 (construction date)

Significant Person

(Complete if Criterion B is marked above)

N/A

Cultural Affiliation

N/A

Architect/Builder

designer: unknown

fabricator: unknown

builder: D.H. Young, Manchester 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 587020 4692860
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 39 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. Fraser, Robert M. Hybben and Charlene K. Roiseorganization 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 Buchanan Countystreet & number 1511 First Street East telephone 319-334-6031city or town Independence state Iowa zip code 50644

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 **280th Street Bridge** Buchanan County; Iowa

This kingpost pony truss carries a gravel-surfaced county road across a small stream in southwestern Buchanan County, five miles southwest of Independence. This structure was built in 1898 by D.H. Young of Manchester just prior to the widespread introduction of the Pratt pony truss design in the county. This bridge was part of an eight-bridge contract let to Young for \$3304.70 that year. Young had been active in Buchanan County since 1893 and was the contractor for most of the county bridges built between 1896 and 1899. Supported by a timber substructure and featuring a timber deck with two angle lattice guardrails, this pony truss maintains an excellent degree of physical integrity, as it continues to carry traffic in its rural setting.

With its roots extending to the Middle Ages, the kingpost pony truss is the most rudimentary truss type. Numerous kingposts were built on Iowa's early roads in the late 19th and early 20th centuries, executed first as timber-iron combination structures and later in all-metal configurations. The kingpost as a structural type was limited to relatively short-span applications, however, and as steel beam bridges received widespread acceptance after the turn of the century, erection of kingpost trusses declined rapidly. This bridge in Buchanan County is a typically configured early example of kingpost truss fabrication. Its modern substructure diminishes its physical integrity somewhat, but the structure is nevertheless a well-preserved and noteworthy example of a now-uncommon structural type.

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

**National Register of Historic Places
Continuation Sheet**

Section Number 9 Page 2 280th Street Bridge Buchanan County; Iowa

Iowa Department of Transportation, Structure Inventory and Appraisal: Structure No. 081330.

Buchanan County Supervisors' Minutes, Book D: page 345 (6 January 1893); Book E: page 196 (April 1897), page 394 (2 January 1899).

Donald C. Jackson, **Great American Bridges and Dams** (Washington, D.C.: Preservation Press, 1988).

Field inspection by Charlene K. Roise, 1 October 1991.