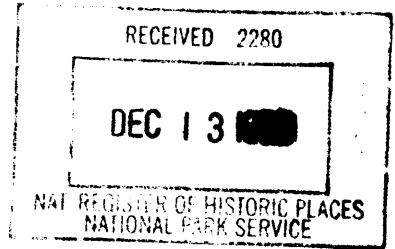


**United States Department of the Interior  
National Park Service**

1700



**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 any 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 N/A  
other names/site number South Dakota Department of Transportation Br. No. 14-090-042

**2. Location**

street & number Local Road over the Vermillion River not for publication   
city or town Wakonda vicinity   
state South Dakota code SD county Clay code 027 zip code 57073

**3. State/Federal Agency Certification**

As the designated authority under the National Historic Preservation Act of 1986, 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.)

Jay D. Voigt  
Signature of certifying official

12-06-99  
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 commenting or other official Date

**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:)

Signature of the Keeper      Date of Action

*Edson H. Beal*      1/14/00

**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**

Contributing	Noncontributing	
<u>0</u>	<u>0</u>	buildings
<u>0</u>	<u>0</u>	sites
<u>1</u>	<u>0</u>	structures
<u>0</u>	<u>0</u>	objects
<u>1</u>	<u>0</u>	Total

Number of contributing resources previously listed in the National Register 0

Name of related multiple property listing (Enter "N/A" if property is not part of a multiple property listing.) Historic Bridges in South Dakota

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**6. Function or Use**

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**Historic Functions** (Enter categories from instructions)

Cat: Transportation Sub: Road-Related  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Current Functions** (Enter categories from instructions)

Cat: Transportation Sub: Road-Related  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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**7. Description**

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**Architectural Classification** (Enter categories from instructions)

Other: Warren Pony Truss with polygonal  
Upper chords  
\_\_\_\_\_

**Materials** (Enter categories from instructions)

foundation Steel  
roof \_\_\_\_\_  
walls \_\_\_\_\_  
other Steel  
\_\_\_\_\_

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

See Continuation Sheets

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### 8. Statement of Significance

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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.)

- A owned by a religious institution or used for religious purposes.
- B removed from its original location.
- C a birthplace or a 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.

**Areas of Significance** (Enter categories from instructions)

Engineering  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Period of Significance**

1912  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Significant Dates**    1912  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Significant Person** (Complete if Criterion B is marked above)  
N/A  
\_\_\_\_\_

**Cultural Affiliation**    N/A  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Architect/Builder**    Federal Bridge Company  
\_\_\_\_\_

**Narrative Statement of Significance** (Explain the significance of the property on one or more continuation sheets.)

See Continuation Sheets

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## 9. Major Bibliographical References

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(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: South Dakota Department of Transportation



**Property Owner**

(Complete this item at the request of the SHPO or FPO.)

name \_\_\_\_\_

street & number \_\_\_\_\_ telephone \_\_\_\_\_

city or town \_\_\_\_\_ state SD zip code \_\_\_\_\_

**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 the 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 Project (1024-0018), Washington, DC 20503.

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

# **National Register of Historic Places Continuation Sheet**

Section number 7 Page 1

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Bridge No. 14-090-042 carries an unpaved road across the Vermillion River about 6 miles east and one mile north of Wakonda. The structure has three spans: 2 timber stringer approaches (one on the north; the other on the south) and one, riveted, 5-panel, Warren, pony truss with polygonal top chord. Resting on steel cylinder piers, the truss span is 80 feet in length. It is comprised as follows: the top chords consist of back-to-back channel sections riveted to a continuous cover plate above and batten plates below; the verticals consist of two sets of back-to-back angle sections riveted together with V-lacing to approximate back-to-back channel sections in cross section; the diagonals and lower chords consist of face-to-face angle sections riveted together with batten plates. Bolted by angle sections to the lower ends of the verticals, the I-beam floor beams carry nailed wood stringers and a wood deck. Bottom-lateral bracing consists of cross-braced angle sections. Bordered by wood railings, the approach spans rest on timber-pile abutments with plank back walls and wingwalls. The truss span has angle-section railings.



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

# **National Register of Historic Places**

## **Continuation Sheet**

Section number 8 and 9 Page 2

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Bridge no. 14-090-042 is being nominated to the National Register of Historic Places as part of the "Historic Bridges in South Dakota" Multiple Property Nomination. It is related to the historic context of "Historic Bridges in South Dakota, 1893-1942" and is classified with the associated property type for iron and steel frame bridges. This bridge is individually eligible for the National Register under Criterion C as the oldest example of a riveted Warren pony with a polygonal upper chord in South Dakota. The bridge retains very good integrity.

According to Clay County Commissioners records, the county took bids for an 80-foot steel bridge at this site in November 1911, awarding the contract to Federal Bridge Company of Des Moines, the low bidder at \$1,546 Presumably, Bridge No. 14-090-042 was completed the following year.

In the state, ten riveted Warren pony trusses with polygonal upper chords were inventoried. Among them, Bridge No. 14-090-042 is the oldest example of this type, built in 1912.

### **Bibliography**

Clay County Commissioners Record, October 6, November 6, 1911, Clay County Auditor's Office.

United States Department of the Interior  
National Park Service

# National Register of Historic Places Continuation Sheet

Section number 10 Page 3

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## Verbal Boundary Description

The nominated property consists of a rectangle, 20 feet by 129 feet, whose vertices coincide with the outside corners of the bridge abutments at each end of the bridge, and includes only the bridge superstructure and the substructure.

## Boundary Justification

Because the bridge is located on a public road, there are no legal boundary lines for the ends of the bridge. Therefore, these boundaries are drawn to encompass only the superstructure and substructure of the bridge itself.