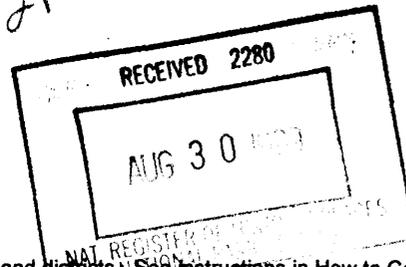


United States Department of the Interior
National Park Service

1217



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 Bridge No. 63-052-030

2. Location

street & number Local Road over West Fork of Vermillion River not for publication
city or town Marion vicinity x
state South Dakota code SD county Turner Code 125 zip code 57043

3. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act of 1986, as amended, I hereby certify that this x 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 x meets does not meet the National Register Criteria. I recommend that this property be considered significant nationally statewide x locally. (See continuation sheet for additional comments.)

Jay D. Voigt
Signature of certifying official

08-25-99
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

Name of Property

County and State

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: Edson H. Beall
 Date of Action: 9/29/99

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

6. Function or Use

Historic Functions (Enter categories from instructions)

Cat: Transportation Sub: Road Related

Current Functions (Enter categories from instructions)

Cat: Transportation Sub: Road Related

7. Description

Architectural Classification (Enter categories from instructions)

Other: Warren Pony Truss

Materials (Enter categories from instructions)

foundation Fieldstone
roof _____
walls _____
other Metal: Steel

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

See Continuation Sheets

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.)

- 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)

Commerce _____
 Engineering _____

Period of Significance

1913 _____

Significant Dates 1913

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

Cultural Affiliation N/A

Architect/Builder Builder: Federal Bridge Company

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

See Continuation Sheets

9. Major Bibliographical References

(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

10. Geographical Data

Acreeage of Property Less than one acre

UTM References

(place additional UTM references on a continuation sheet.)

| | | | | | | | |
|---|-------------------|-------------------|-------------------|---|-------------------|-------------------|-------------------|
| 1 | <u>14</u> | <u>637960</u> | <u>4812970</u> | 3 | <u> </u> | <u> </u> | <u> </u> |
| | Zone | Easting | Northing | | Zone | Easting | Northing |
| 2 | <u> </u> | <u> </u> | <u> </u> | 4 | <u> </u> | <u> </u> | <u> </u> |

See continuation sheet

Verbal Boundary Description (Describe the boundaries of the property on a continuation sheet.) See Continuation Sheet

Boundary Justification (Explain why the boundaries were selected on a continuation sheet.) See Continuation Sheet

11. Form Prepared By

name/title Renewable Technologies Inc and SD SHPO

organization _____ date August 11, 1999

street & number 510 Metals Bank Bldg telephone 4046-782-0494

city or town Butte state MT zip code 59701

Additional Documentation

Submit the following items with the completed form:

Continuation Sheets

Maps

A **USGS map** (7.5 or 15 minute series) indicating the property's location.

A **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 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.

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National Park Service

National Register of Historic Places Continuation Sheet

Section number 7 & 8 Page 1

Architectural Description

Bridge No. 63-052-030 carries an unpaved road across the West Fork of the Vermillion River about 2 miles north and 2 miles west of Marion. The rubble fieldstone abutments have flared, sloping wing walls that rise above the roadway to form winged railings at each approach. Bordered by angle-section railings, the 83-foot single-span superstructure is a bolted, 5-panel, Warren pony truss with polygonal top chord. The truss web is comprised as follows: the upper chord consists of back-to-back channel sections with their top flanges riveted to a continuous cover plate and their bottom flanges riveted to V-lacing; the verticals consist of two sets of back-to-back angle sections riveted together with batten plates to approximate back-to-back channel sections in cross section; the diagonals consist of face-to-face angle sections riveted together with batten plates; the lower chord consists of back-to-back angle sections riveted together with batten plates. Carrying timber stringers and a double-layer wood deck, the I-beam floor beams are bolted, by means of riveted angle sections, to gusset plates at the lower-chord panel connections. Bottom-lateral bracing consists of cross-braced angle sections.

Statement of Significance

Bridge no. 63-052-030 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, 1893-1943" 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 A as a representative example of important patterns of bridge construction in South Dakota during the 1890s and through the first two decades of the 20th century, in which a different out-of-state bridge builder tended to dominate bridge construction in each county. It is also eligible for the National Register under Criterion C as the longest bridge built by long-term county bridge builder, the Federal Bridge Company, surviving in Turner County. The bridge retains excellent integrity.

Around the turn of the 20th century, the homesteading boom west of the Missouri River coupled with the expanded agri-business east of the river led to an increased demand for reliable bridges in South Dakota. Accompanying the increase in bridge construction was the emergence of a pattern of business wherein almost every county in the state seemed to be dominated by a different bridge builder. This pattern began to be evident in the late-19th century. It grew even stronger after the turn of the century when the counties began turning to the system of awarding annual contracts for bridge work. Most typically, the counties awarded annual contracts to the same firm year after year. This relationship between the counties and the bridge firms was probably due to "pooling," an

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Continuation Sheet

Section number 8, 9 & 10 Page 2

illegal but common practice across the country at this time. Under pooling arrangements, various bridge-building firms agreed to divide states among themselves, assigning particular counties to specific firms. Most such firms operating in South Dakota at this time were based out-of-state. This pattern of business remained strong in South Dakota until about 1920 when the State Highway Commission strengthened its control over bridge construction practices in the counties.

Along with another bridge-building firm based in Des Moines, Iowa, the Federal Bridge Company was especially active in South Dakota in the early 20th century. The company's officers, Edwin S. and Hamilton Carpenter, were apparently related and had worked for the Iowa Bridge Company before forming Federal. When the Federal Bridge Company suddenly appeared in South Dakota in 1911, it was successful in earning annual bridge contracts in such counties as Clay, Douglas, Hanson, Hutchinson, and Turner. In each county, the Iowa Bridge Company had controlled the annual bridge contracts until the Federal Bridge Company appeared on the scene. The Federal Bridge Company held the annual contract in Turner County from 1912 through 1925.

With a single span of 80 feet, Bridge No. 63-052-030 is the longest bridge among the ten surviving bridges built by the Federal Bridge Company and inventoried for this study.

Bibliography

Turner County Commissioners Record, Volume D, February 20, 1912, p. 470; Volume E, June 6, 1922, p.301, in Turner County Auditor's Office.

Verbal Boundary Description

The nominated property consists of a rectangle, 29 feet wide by 31 feet long, whose vertices coincide with the outside corners of the bridge abutments at each end of the bridge and includes only the bridge superstructure and 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.