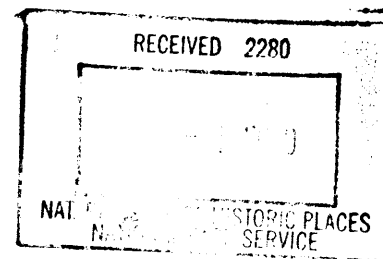


United States Department of the Interior
National Park Service



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 Dept. of Trans. Br. No. 07-268-030

2. Location

street & number Local road over James River publication
city or town Hecal vicinity X
state South Dakota code SD county Brown code 013 zip code 57446

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 01-24-2000
Signature of certifying official 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 this 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 Keeper Date
of Action

3/9/00

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

_____ buildings

_____ sites

1

_____ structures

_____ objects

1

_____ 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 (Vehicular)

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Current Functions (Enter categories from instructions)

Cat: Transportation Sub: road-related (Vehicular)

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

=====

7. Description

=====

Architectural Classification (Enter categories from instructions)

Other: Pratt pony truss

Materials (Enter categories from instructions)

foundation Wood

roof _____

walls _____

other metal: Steel

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

Transportation

Period of Significance 1912-1942

Significant Dates 1912
1968

Significant Person N/A

Cultural Affiliation N/A

Architect/Builder Gilbert, Clarence E.

Narrative Statement of Significance (Explain the significance of the property on one or more 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

Acreage of Property Less than 1 acre

UTM References (Place additional UTM references on a continuation sheet)

	Zone Easting	Northing	Zone Easting	Northing
1	<u>14</u>	<u>563940</u>	<u>5082290</u>	3 _____
2	_____	_____	4 _____	_____
	_____ See continuation sheet.			

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

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

11. Form Prepared By

name/title Jennifer Traeger & Fred Quivik
organization Renewable Technologies, Inc date August 1990
street & number 510 Metals Bank Bldg telephone 406-782-0494
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 _____ 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 7, 8 Page 1

Description

Bridge no. 07-268-030 is located 0.7 miles north and 1 mile west of Hecla and carries a local road over the James Bridge. The bridge superstructure was built in 1912 and originally crossed Mud Creek south of its current location. In 1968, the Holloway Construction Company salvaged the span and rebuilt it at this location.

This 60-foot, single-span, steel pin-connected Pratt pony truss bridge rests on wood pile abutments with plank back walls. The superstructure is composed as follows: the upper chords consist of two steel channel sections riveted with a continuous cover plate along the upper flanges and batten plates along the lower flanges; the lower chords and diagonal members consists of punched steel eye-bars; the vertical members consist of two paired angle sections riveted with lacing bars; and the counters consist of forged square steel rods with turnbuckles. The date, "1968" is welded on the east end post. The corrugated steel deck has gravel-wearing surface and is supported by steel I-beam stringers. The stringers rest on the top flange of the steel I-beam floor beams which are bolted to the vertical members below the lower chords. Paired angle section knee braces, riveted to the tops of the vertical members and to extensions of the floor beams, provide sway bracing. Bottom lateral bracing consists of round steel rod cross braces. Two angle sections riveted with lattice bars form the railing along each side of the bridge.

Despite having been moved, this bridge retains very good integrity.

Statement of Significance

Bridge no. 07-268-030 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, 1893-1942" and is classified with the associated property type for iron and steel bridges. This bridge is individually eligible for the National Register under Criterion C as the sole surviving example of a bridge by South Dakota bridge-builder, Clarence E. Gilbert. Although the bridge has been moved, it retains very good integrity.

During the first two decades of the 20th century, out-of-state firms dominated bridge construction in South Dakota. Only a few South Dakota firms attempted to compete in the state's bridge building business. One of these South Dakota bridge-builders was Clarence E. Gilbert. By 1911, Gilbert was living in Aberdeen where he managed the Gilbert Improved Corrugated Culvert Company, which manufactured a patented steel culvert at Aberdeen and Austin, Minnesota. By 1913, Gilbert was president of the Gilbert Manufacturing Company, which soon became one of the largest employers in

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CONTINUATION SHEET**Section 8, 9, 10 Page 2

Aberdeen, manufacturing road construction equipment in addition to being a sheet metal works. Many counties in South Dakota purchased their steel culverts from Gilbert. In 1912, Gilbert briefly entered the bridge construction business and built four bridges after the second round of bidding when he underbid A. Y. Bayne, who had been receiving bridge contracts in the county on a regular basis.

Bridge no. 07-268-030 is the only surviving structure of the four bridges built by Gilbert in Brown County in 1912. Gilbert originally built this bridge over Mud Creek. In 1968, it was moved by the Holloway Construction Company to its current location over the James River near Helca.

Bibliography

Brown County, "Commissioners Record, " Book 6, p. 240, Auditor's Office, Brown County Courthouse, Aberdeen.

Brown County, "Brown Co. Bridges," n.d., Bridges nos. 83 and 346, Highway Superintendent's Office, Brown County Courthouse, Aberdeen.

Verbal Boundary Description

The nominated property consists of a rectangle, 31 feet wide by 921 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.