

1253

NPS Form 10-900
(Rev. 8-86)

OMB No. 1024-0018

RECEIVED

United States Department of the Interior
National Park Service

OCT 25 1993

NATIONAL REGISTER OF HISTORIC PLACES
REGISTRATION FORM

NATIONAL
REGISTER

1. Name of Property

historic name: N/A

other name/site number: South Dakota Dept. of Trans. Br. No. 18-060-202

2. Location

street & number: Local road over Twelve Mile Creek

not for publication:

city/town: Mitchell

vicinity: X

state: SD county: Davison

code: 035 zip code: 57301

3. Classification

Ownership of Property: public-local

Category of Property: structure

Number of Resources within Property:

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

Number of contributing resources previously listed in the National Register: 0

Name of related multiple property listing: Historic Bridges in South Dakota

4. 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. See continuation sheet.

Signature of certifying official Date 10/12/92

State or Federal agency and bureau SD JHPD

In my opinion, the property meets does not meet the National Register criteria. See continuation sheet.

Signature of commenting or other official Date

State or Federal agency and bureau

5. 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 LM Oelland Date of Action 12/9/93

Signature of Keeper Date of Action

=====
6. Function or Use
=====

Historic: Transportation Sub: road-related (vehicular)

Current : Transportation Sub: road-related (vehicular)

=====
7. Description
=====

Architectural Classification:

Other

Other Description: Warren pony truss

Materials: foundation concrete roof _____
walls _____ other metal: steel

Describe present and historic physical appearance. _X_ See continuation sheet.

=====
8. Statement of Significance
=====

Certifying official has considered the significance of this property in relation to other properties: _____.

Applicable National Register Criteria: C

Criteria Considerations (Exceptions) : _____

Areas of Significance: Engineering

Period(s) of Significance: 1912 _____

Significant Dates : 1912 _____

Significant Person(s): N/A

Cultural Affiliation: N/A

Architect/Builder: Pioneer Bridge Company

State significance of property, and justify criteria, criteria considerations, and areas and periods of significance noted above.
X See continuation sheet.

=====
9. Major Bibliographical References
=====

X See continuation sheet.

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 -- Specify Repository: South Dakota Department of Transportation

=====
 10. Geographical Data
 =====

Acreeage of Property: less than 1 acre

UTM References: Zone Easting Northing Zone Easting Northing

A	<u>14</u>	<u>564300</u>	<u>4829350</u>	B	___	_____	_____
C	___	_____	_____	D	___	_____	_____

___ See continuation sheet.

Verbal Boundary Description: ___ See continuation sheet.

The nominated property consists of a rectangle, 24 feet wide by 56 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: ___ See continuation sheet.

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.

=====
 11. Form Prepared By
 =====

Name/Title: Jennifer Traeger/Historian and Brian A. Bernhard/ PE & RLS

Organization: Renewable Technologies, Inc.

Date: August 1990/9-93

Street & Number: 510 Metals Bank Bldg.

Telephone: (406)782-0494

City or Town: Butte

State: MT ZIP: 59701

United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET

Section number 7

Bridge No. 18-060-202

Page 6

=====
Bridge No. 18-060-202 carries a local road across Twelve Mile Creek approximately 9 miles west and 10.2 miles south of Mitchell. The single span structure is a riveted and bolted Warren (with verticals) pony truss which rests on concrete back walls with concrete wing walls. The upper chord consists of two steel channel sections riveted with a continuous steel cover plate along the upper flanges and with riveted batten plates along their lower flanges. The lower chord consists of two steel channel sections riveted along the upper and lower flanges with batten plates. There are two configurations of verticals. Beginning with the end verticals, every other vertical is comprised of two angle sections riveted together with batten plates. The remaining three verticals each consist of a single angle section. The diagonals consist of two angle sections riveted together with batten plates. The two ply plank deck rests on I-beam stringers, some of which have timber bolted to their webs. The stringers, in turn, are bolted to the I-beam floorbeams which, in turn, are bolted to the superstructure. The bottom laterals consist of threaded round steel rod. The railing is missing. The bridge appears to be original except for the missing railing; many of the verticals are bent.

The bridge retains good integrity.

United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET

Section number 8 Bridge No. 18-060-202 Page 7
=====

Bridge no. 18-060-202 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 C for its association with a South Dakota bridge builder, the Pioneer Bridge Company, and as the oldest surviving bridge in South Dakota built by that company. The bridge retains good integrity.

Although out-of-state firms captured the largest share of early 20th century bridge construction projects in South Dakota, there is one notable exception. Fred Bjodstrup of Mitchell maintained a competitive posture relative to out-of-state firms for nearly two decades, eventually being succeeded in 1912 by the Pioneer Bridge Company, managed by his son, Arthur Bjodstrup. Born in Denmark in 1857, Bjodstrup emigrated to the United States in 1876 and moved to South Dakota in 1882. Two years later he moved to Mitchell, where he established a construction business. As early as 1886, he was building bridges in Minnehaha County in partnership with F.P. George, an early Dakota bridge builder based in Parker, South Dakota. Bjodstrup was the principal bridge builder in Davison County from the early 1890s through 1911, and erected bridges in Miner and Aurora counties in the 1900s while bidding as well in Brown, Hamlin, Sanborn, and other counties. In addition to building bridges, Bjodstrup constructed commercial and other buildings in the Mitchell area. He ceased bidding on projects in 1912 after his son Arthur founded the Pioneer Bridge Company, which continued to receive annual contracts in Davison and Miner counties. Fred Bjodstrup continued working with his son until the early 1920s, when deafness forced him to retire. No bridges built by Bjodstrup prior to the formation of the Pioneer Bridge Company are known to survive.

Bridge No. 18-060-202 was constructed by the Pioneer Bridge Company in 1912. Six bridges built by the Pioneer Bridge Company were included in this survey. Among those, Bridge No. 18-060-202 is the oldest surviving bridge in the state built by this South Dakota bridge builder. Because of the small number of in-state bridge builders prior to 1920, bridges such as this one are important representations of attempts by South Dakotan's to compete with established out-of-state companies.

NPS Form 10-900-a
(8-86)

OMB Approval No. 1024-0018

United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET

Section number 9 Bridge No. 18-060-202 Page 8
=====

Davison County "Commissioner's Record," Book 7, p. 168, Auditor's Office,
Davison County Courthouse, Mitchell.

United States Department of the Interior
National Park Service

National Register of Historic Places
Continuation Sheet

Section number 3 Page 1

SUPPLEMENTARY LISTING RECORD

NRIS Reference Number: see below Date Listed: 12/09/93

Property Name: see below

County: see below State: South Dakota

Historic Bridges in South Dakota MPS

Multiple Name

The following properties are listed in the National Register of Historic Places in accordance with the attached nomination documentation subject to the following exceptions, exclusions, or amendments, notwithstanding the National Park Service certification included in the nomination documentation.

Sandra McEllen
Signature of the Keeper

December 9, 1993
Date of Action

Amended Items in Nomination:

Section 3/8. State Certification/Statement of Significance. Certifying official has considered the significance of the following properties to be of state significance.

Reference No.	Property	County
93001295	Capa Bridge	Jones County
93001287	Chilson Bridge	Fall River County
93001308	Eighth Street Bridge	Minnehaha County
93001298	Esmond Bridge	Kingsbury County
93001317	Hall Bridge	Spink County
93001274	Hay Creek Bridge	Butte County
93001264	Kemp Avenue Bridge	Codington County
93001266	Larson Bridge	Codington County
93001277	Minnesela Bridge	Butte County
93001268	Old Cochrane Bridge	Deuel County
93001281	Red Shirt Bridge	Custer County
93001300	Redwater Bridge, Old	Lawrence County

United States Department of the Interior
National Park ServiceNational Register of Historic Places
Continuation SheetSection number 3 Page 2

93001269	South Dakota Dept. of Transportation Bridge No. 03-338-100	Beadle County
93001260	South Dakota Dept. of Transportation Bridge No. 03-020-008	Beadle County
93001261	South Dakota Dept. of Transportation Bridge No. 03-327-230	Beadle County
93001270	South Dakota Dept. of Transportation Bridge No. 05-028-200	Bon Homme county
93001271	South Dakota Dept. of Transportation Bridge No. 05-032-170	Bon Homme County
93001272	South Dakota Dept. of Transportation Bridge No. 05-138-080	Bon Homme County
93001273	South Dakota Dept. of Transportation Bridge No. 05-255-130	Bon Homme County
93001276	South Dakota Dept. of Transportation Bridge No. 10-112-355	Butte County
93001275	South Dakota Dept. of Transportation Bridge No. 10-109-360	Butte County
93001278	South Dakota Dept. of Transportation Bridge No. 12-503-230	Charles Mix County
93001265	South Dakota Dept. of Transportation Bridge No. 15-210-136	Codington County
93001279	South Dakota Dept. of Transportation Bridge No. 16-570-054	Carson County
93001280	South Dakota Dept. of Transportation Bridge No. 17-289-107	Custer County
93001282	South Dakota Dept. of Transportation Bridge No. 18-040-137	Davison County
93001283	South Dakota Dept. of Transportation Bridge No. 18-060-202	Davison County
93001284	South Dakota Dept. of Transportation Bridge No. 18-100-052	Davison County
93001285	South Dakota Dept. of Transportation Bridge No. 18-142-150	Davison County
93001286	South Dakota Dept. of Transportation Bridge No. 20-153-210	Deuel County
93001288	South Dakota Dept. of Transportation Bridge No. 25-218-141	Faulk County
93001262	South Dakota Dept. of Transportation Bridge No. 25-380-142	Faulk County
93001289	South Dakota Dept. of Transportation Bridge No. 27-000-201	Gregory County
93001290	South Dakota Dept. of Transportation Bridge No. 27-060-298	Gregory County

United States Department of the Interior
National Park ServiceNational Register of Historic Places
Continuation SheetSection number 3 Page 3

93001291	South Dakota Dept. of Transportation Bridge No. 29-221-060	Hamlin County
93001292	South Dakota Dept. of Transportation Bridge No. 29-279-010	Hamlin County
93001293	South Dakota Dept. of Transportation Bridge No. 30-257-400	Hand County
93001294	South Dakota Dept. of Transportation Bridge No. 31-115-110	Hanson County
93001297	South Dakota Dept. of Transportation Bridge No. 39-006-070	Kingsbury County
93001299	South Dakota Dept. of Transportation Bridge No. 39-176-100	Kingsbury County
93001301	South Dakota Dept. of Transportation Bridge No. 44-028-220	McCook County
93001302	South Dakota Dept. of Transportation Bridge No. 44-212-090	McCook County
93001303	South Dakota Dept. of Transportation Bridge No. 47-215-363	Meade County
93001263	South Dakota Dept. of Transportation Bridge No. 47-151-389	Meade County
93001305	South Dakota Dept. of Transportation Bridge No. 48-244-204	Melette County
93001306	South Dakota Dept. of Transportation Bridge No. 49-095-190	Miner County
93001267	South Dakota Dept. of Transportation Bridge No. 50-200-035	Minnehaha County
93001310	South Dakota Dept. of Transportation Bridge No. 56-090-096	Sanborn County
93001312	South Dakota Dept. of Transportation Bridge No. 56-174-090	Sanborn County
93001311	South Dakota Dept. of Transportation Bridge No. 56-117-123	Sanborn County
93001313	South Dakota Dept. of Transportation Bridge No. 58-010-376	Spink County
93001314	South Dakota Dept. of Transportation Bridge No. 58-021-400	Spink County
93001315	South Dakota Dept. of Transportation Bridge No. 58-025-370	Spink County
93001316	South Dakota Dept. of Transportation Bridge No. 58-062-270	Spink County
93001318	South Dakota Dept. of Transportation Bridge No. 58-120-231	Spink County
63001319	South Dakota Dept. of Transportation Bridge No. 58-140-224	Spink County

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

**National Register of Historic Places
Continuation Sheet**

Section number 3 Page 4

63001320	South Dakota Dept. of Transportation Bridge No. 58-218-360	Spink County
63001321	South Dakota Dept. of Transportation Bridge No. 62-220-512	Tripp County
63001322	South Dakota Dept. of Transportation Bridge No. 64-061-199	Union County
93001309	Split Rock Park Bridge	Minnehaha County
93001304	Stamford Bridge	Miner County
93001307	Summit Avenue Viaduct	Minnehaha County
93001296	Van Metre Bridge	Jones County

Section 8: Applicable Criteria

93001266 Larson Bridge Codington County

Criterion C should be checked and not A to be consistent with bridge's significance in engineering for its method of construction.

Section 8: Period of Significance

93001266 Larson Bridge Codington County

Period of significance is amended to read "1917" to indicate date of construction and to be consistent with significance in engineering.

93001281 Red Shirt Bridge Custer County

Period of significance is amended to read "1943-1944" to cover the period of construction.

93001278 South Dakota Dept. of Transportation Bridge No. 12-503-230
Faulk County

Due to typographical error, period of significance is corrected to read " 1920-1943."

93001265 South Dakota Dept. of Transportation Bridge No. 15-210-136
Codington County

Period of significance is amended to read "1917" since significance is under criterion C in engineering and the date of construction should be entered.

United States Department of the Interior
National Park Service

National Register of Historic Places
Continuation Sheet

Section number 3 Page 5

93001262 South Dakota Dept. of Transportation Bridge No. 25-380-
142 Faulk County

Period of significance is amended to read "1902" because the area of significance is engineering and the period of significance should be based on the date of construction. The bridge was moved from its original site in 1955.

Section 8: Date of Significance

93001308 Eighth Street Bridge Minnehaha County

"1977" is deleted because the date lies outside the period of significance.

93001317 Hall Bridge Spink County

"1904" is deleted because bridge is significant under criterion C for engineering and the move in 1904 falls outside the period of significance which is based on the date of construction and does not appear to have particular importance.

93001286 South Dakota Dept. of Transportation Bridge No. 20-153-
210 Deuel County

"1960" is deleted because the date lies outside the period of significance.

93001262 South Dakota Dept. of Transportation Bridge No. 25-380-
142 Faulk County

"1955" is deleted because the date lies outside the period of significance.

93001302 South Dakota Dept. of Transportation Bridge No. 44-212-
090 McCook County

"1960" is deleted because the date lies outside the period of significance.

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

**National Register of Historic Places
Continuation Sheet**

Section number 3 Page 6

93001267 South Dakota Dept. of Transportation Bridge No. 50-200-
035 Minnehaha County

"1935" is deleted because the date lies outside the period of significance which is based on the date of construction.

93001311 South Dakota Dept. of Transportation Bridge No. 56-117-
123 Sanborn County

"1905" is deleted because the date lies outside the period of significance and does not appear to have particular importance.

Melissa Dirr, architectural historian, of the South Dakota State Historic Preservation Office was notified of the above-mentioned amendments by telephone on December 09, 1993.

DISTRIBUTION:

**National Register property file
Nominating Authority (without nomination attachment)**