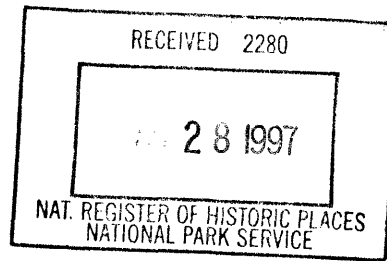


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United States Department of the Interior
National Park Service

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 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 (Form 10-900-a). Use a typewriter, word processor, or computer, to complete all items.

1. Name of Property

Historic name: Midway Bridge

Other names/site number: Bedstead Bridge; 32GF283

2. Location

Street & number: unnamed county road not for publication

City or town: Johnstown vicinity

State: North Dakota Code: ND County: Grand Forks Code: 035 Zip code: 58245

3. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act of 1966, 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.)
James E. Sperry January 8, 1997
Signature and title of certifying official James E. Sperry Date
State Historic Preservation Officer (North Dakota)

In my opinion, the property meets does not meet the National Register criteria. (See continuation sheet for additional comments.)
Signature of the Keeper _____ Date of Action _____

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. Bevell 2/27/97
Signature of the Keeper Date of Action

Midway Bridge
Name of Property

Grand Forks, North Dakota
County and State

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
(Do not include previously listed resources in the count.)

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

Name of related multiple property listing
(Enter "N/A" if property is not part of a multiple property listing.)

Historic Roadway Bridges of N.D.

Number of contributing resources previously listed in the National Register

0

6. Function or Use

Historic Functions
(Enter categories from instructions)

TRANSPORTATION: Road-related

Current Functions
(Enter categories from instructions.)

TRANSPORTATION: Road-related

7. Description

Architectural Classification
(Enter categories from instructions)

OTHER: Warren bedstead bridge

Materials
(Enter categories from instructions.)

foundation concrete
walls _____
roof _____
other steel
wood

Narrative Description

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

Midway Bridge
Name of Property

Grand Forks, North Dakota
County and State

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 one or more continuation sheets.)

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 Name of repository: # _____
- recorded by Historic American Engineering Record # _____

Areas of Significance

(Enter categories from instructions)

TRANSPORTATION

ENGINEERING

Period of Significance

c. 1925-1946

Significant Dates

Significant Person

(Complete if Criterion B is marked above)

N/A

Cultural Affiliation

N/A

Architect/Builder

Primary location of additional data:

- State Historic Preservation Office
- Other State agency
- Federal agency
- Local government
- University
- Other

Name of repository: _____

Midway Bridge
Name of Property

Grand Forks, North Dakota
County and State

10. Geographical Data

Acreage of Property Less than one acre.

UTM References

(Place additional UTM references on a continuation sheet.)

1	1 4	6 1 0 5 8 0	5 3 3 1 6 5 0	2	_ _	_ _ _ _ _ _ _	_ _ _ _ _ _ _
	Zone	Easting	Northing		Zone	Easting	Northing
3	_ _	_ _ _ _ _ _ _	_ _ _ _ _ _ _	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: Mark Hufstetler / Historian
Organization: Renewable Technologies, Incorporated Date: December 10, 1996
Street & Number: 511 Metals Bank Building Telephone: (406) 782-0494
City or Town: Butte State: Montana 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 SHPO or FPO.)

Name: Grand Forks County
Street & Number: Courthouse; P.O. Box 5066 Telephone: (701) 780-8261
City or Town: Grand Forks State: North Dakota Zip code: 58201

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

MIDWAY BRIDGE
GRAND FORKS COUNTY, NORTH DAKOTA

Narrative Description:

The Midway Bridge is located on an unpaved county road in rural Grand Forks County, North Dakota. The site is located approximately two miles west and 1.5 miles south of Johnstown, North Dakota. The bridge, constructed on a north-south axis, carries a gravel "section-line" road through a settled, agricultural portion of the county. Nearly all of the surrounding land is used for grazing, and scattered farmsteads are present. A relatively large complex of farm buildings is just south of the bridge. Numerous trees, many planted as windbreaks, exist in the area. The bridge traverses a small, unnamed creek, which is flanked by narrow, low, wetland areas.

The bridge itself is a rigid-connected (riveted) bedstead pony truss, with a steel superstructure. The bedstead form consists of a rectangular steel framework with additional support members placed in a lattice pattern within the framework. The design is uncommon, and no other bedstead bridges are known to exist in North Dakota. The bridge contains a single truss span; there are no approach spans. Overall, the bridge is approximately 32 feet long, with a vehicle deck 18 feet wide.

Design details of the bridge's substructure and superstructure are outlined below:

Substructure: concrete abutments with wing walls at both ends

Superstructure:

upper chords: back-to-back angle sections

lower chords: single channel sections

verticals: back-to-back angle sections, with outriggers of single angle sections

diagonals: single angle sections

laterals (bottom): round rods

moveable end: none

floor system: I-beam stringers resting on I-beam floor beams, riveted to the superstructure

decking: a single layer of wood planks, with wood curbs

railing: single angle sections

steelmaker's marks: Illinois Steel Co. (U.S. Steel), S. Chicago or Gary

The bridge retains a generally high level of integrity; it remains in its original location, and all major components of the superstructure appear to retain their as-built appearance. The substructure is probably historic, but may not be original.

The Midway Bridge is owned and maintained by Grand Forks County. It carries

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National Register of Historic Places Continuation Sheet

Section number 7 Page 2

MIDWAY BRIDGE
GRAND FORKS COUNTY, NORTH DAKOTA

the state numerical designation 18-118-05.0.

United States Department of the Interior
National Park Service

National Register of Historic Places Continuation Sheet

Section number 8 Page 3

MIDWAY BRIDGE
GRAND FORKS COUNTY, NORTH DAKOTA

Narrative Statement of Significance:

In accordance with the guidelines established in the Multiple Property Documentation form for "Historic Roadway Bridges in North Dakota," the Midway Bridge is eligible for listing in the National Register of Historic Places with local significance under Criteria "A" and "C." The bridge is significant under Criterion A for its association with the development and maintenance of a rural roadway network in rural Grand Forks County. It is significant under Criterion "C" for its unusual structural design, and its rarity--it is the only bedstead bridge known to have been built in North Dakota.

Historical information: The Structure Inventory and Appraisal (SI&A) sheet prepared for this bridge by the North Dakota Department of Transportation states that the bridge was built in 1950--a date which is obviously too recent. However, no date of construction or other information was found in Grand Forks County records. The truss type and riveted connections suggest that the bridge was built between about 1920 and 1930. Its appearance suggests that it may have been designed and built locally, rather than as part of a more formal state or county bridge construction project.

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National Park Service

National Register of Historic Places Continuation Sheet

Section number 9 Page 4

MIDWAY BRIDGE
GRAND FORKS COUNTY, NORTH DAKOTA

Bibliography:

Johnson, Lon, et.al. "Historic Bridges in North Dakota." Bismarck: North Dakota Department of Transportation, 1992.

United States Department of the Interior
National Park Service

National Register of Historic Places Continuation Sheet

Section number 10 Page 5

MIDWAY BRIDGE
GRAND FORKS COUNTY, NORTH DAKOTA

Verbal Boundary Description:

The bridge is located in the Northwest quarter of Section 30, Township 154 North, Range 53 West. The boundary consists of a rectangle, measuring 82 feet north-south and 68 feet east-west, and centered on the bridge superstructure.

Boundary Justification:

The boundary is constructed to include the area occupied by the bridge superstructure and substructure, as well as a 25-foot buffer of land immediately surrounding the structure.

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National Register of Historic Places Continuation Sheet

Section number Photographs Page 6

MIDWAY BRIDGE
GRAND FORKS COUNTY, NORTH DAKOTA

Index to Photographs

Photographer: Mark Hufstetler

Date: April 1996

Location of original negatives: State Historical Society, of North Dakota,
Bismarck.

Photograph Number	Description	Direction of View
1	West elevation	ESE
2	West elevation and south portal	NE