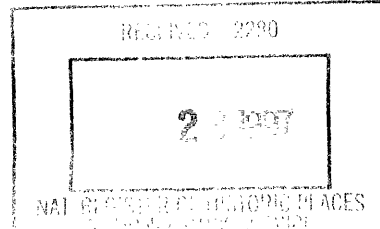


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United States Department of the Interior  
National Park Service

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: Norway Bridge

Other names/site number: Goose River Bridge; 32TR684

2. Location

Street & number: unnamed county road  not for publication

City or town: Mayville  vicinity

State: North Dakota Code: ND County: Traill Code: 097 Zip code: 58257

3. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act of 1966, 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 X 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. Beall 2/27/97  
Signature of the Keeper Date of Action

Norway Bridge  
Name of Property

Traill, 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: Pratt pony truss 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.)

Norway Bridge  
Name of Property

Traill, 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**

1912-1946

**Significant Dates**

1912

**Significant Person**

(Complete if Criterion B is marked above)

N/A

**Cultural Affiliation**

N/A

**Architect/Builder**

Builder: Jardine & Anderson

Norway Bridge  
Name of Property

Traill, 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   3   5   7   9   0	5   2   5   7   3   2   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: Traill County  
Street & Number: Courthouse; P.O. Box 399 Telephone: (701) 436-4457  
City or Town: Hillsboro State: North Dakota Zip code: 58045

**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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NORWAY BRIDGE  
TRAILL COUNTY, NORTH DAKOTA

**Narrative Description:**

The Norway bridge is located on an unpaved county road in rural Traill County, North Dakota. The site is located approximately six miles east and three miles south of Mayville, North Dakota. The bridge, constructed on an approximate north-south axis, carries a gravel "section-line" road through a rural portion of the county. The surrounding land is largely cultivated, and scattered groups of farmstead buildings exist in the vicinity. The bridge crosses the Goose River, a major watercourse in the area. Here, the river meanders through a wide, shallow valley dotted with trees and wetlands.

The bridge itself is a rigid-connected (riveted) Pratt pony truss, with a steel superstructure. The Pratt design, which saw widespread use nationally and in North Dakota during the late nineteenth and early twentieth centuries, is characterized by the presence of relatively-heavy vertical members designed to handle the compressive stress of a bridge load. The use of riveted rather than pinned connections dates the Romness Bridge as a relatively late Pratt design. The bridge contains a single truss span, five panels in length; there is also an I-beam stringer approach span at each end. Overall, the bridge is approximately 104 feet long, with a vehicle deck 18 feet wide.

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

*Substructure:* abutments of concrete back walls and wood plank wing walls; steel tubular piers

*Superstructure:*

*upper chords:* two channel sections with continuous cover plate along the upper flanges and batten plates along the lower flanges

*lower chords:* two pairs of angle sections

*verticals:* two pairs of angle sections with batten plates in between

*diagonals:* two pairs of angle sections

*laterals (bottom):* round rods

*moveable end:* plate, with anchor bolts

*floor system:* I-beam stringers, with outside channels, resting on I-beam floor beams, riveted to the superstructure

*decking:* a single layer of wood, covered with gravel

*railing:* lattice

*steelmaker's marks:* Cambria Steel Co., Johnstown, Pa.; Eastern Steel Co., Pottstown, Pa.

Shield-shaped metal plaques on both ends of the bridge carry the lettering "JARDINE & ANDERSON / 1912 / FARGO & HILLSBORO."

United States Department of the Interior  
National Park Service

## National Register of Historic Places Continuation Sheet

Section number   7   Page   2  

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NORWAY BRIDGE  
TRAILL COUNTY, NORTH DAKOTA

The bridge retains a very high level of integrity; it remains in its original location, and all major structural components appear to retain their as-built appearance.

The Norway Bridge is owned and maintained by Traill County. It carries the state numerical designation 49-113-15.1.

United States Department of the Interior  
National Park Service

## National Register of Historic Places Continuation Sheet

Section number 8 Page 3

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NORWAY BRIDGE  
TRAILL 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 Norway 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 as an example of pre-1926 metal trusses built by Jardine & Anderson, a North-Dakota-based bridge builder. Throughout the late nineteenth century and into the early 1920s, bridge work in the state was dominated by the Fargo Bridge and Iron Company and out-of-state bridge builders. Bridges built by in-state firms other than Fargo Bridge and Iron, such as this one, are significant representations of the ability of some local contractors to compete successfully against the larger bridge building companies.

The bridge is eligible under Criterion C as the oldest documented bridge in Traill County erected by long-term county bridge builder, Jardine & Anderson. The company held contracts each year between 1909 and 1918.

Historical Information: The bridge plate indicates that this bridge was built in 1912 by the firm of Jardine & Anderson, of Fargo and Hillsboro. The county commissioners' minutes are less clear. In April 1912, the commissioners considered a list of 14 bridges to be repaired or replaced. This included work at this site: the installation of a "new 40 foot wooden span." Jardine & Anderson did all the bridge work in the county this year, except construction of "steel span bridges from 36 ft to 65 ft," which went to Fargo Bridge & Iron Co. In November 1912 a summary of J&A's bridge work for that year included the cost of \$624.24 for the bridge at this site. Below this text is: "moved...that Jardine & Anderson be allowed \$3,344.46 an estimate on bridge [at this site]." J&A received the balance due on the bridge at this site in December 1912.

United States Department of the Interior  
National Park Service

## National Register of Historic Places Continuation Sheet

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NORWAY BRIDGE  
TRAILL COUNTY, NORTH DAKOTA

### **Bibliography:**

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

Traill County Commission: Proceedings Book E, pp.114, 121, 158, 163.



United States Department of the Interior  
National Park Service

## National Register of Historic Places Continuation Sheet

Section number 10 Page 5

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NORWAY BRIDGE  
TRAILL COUNTY, NORTH DAKOTA

### Verbal Boundary Description:

The bridge is located on the boundary between Sections 17 and 18, Township 146 North, Range 51 West. The boundary consists of a rectangle, measuring 154 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.

United States Department of the Interior  
National Park Service

## National Register of Historic Places Continuation Sheet

Section number Photographs Page 6

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NORWAY BRIDGE  
TRAILL 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 and south portal	NE
2	north portal	SSW
3	bridge plaque	SSW