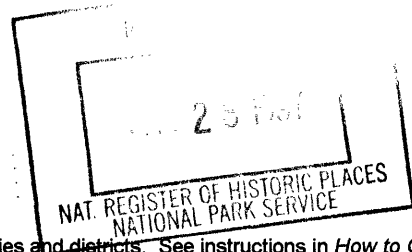


United States Department of the Interior
National Park Service

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: Cedar Creek Bridge

Other names/site number: 32AD50

2. Location

Street & number: unnamed county road

not for publication

City or town: Haynes

vicinity

State: North Dakota Code: ND County: Adams Code: 001 Zip code: 58637

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.)

Signature and title of certifying official James E. Sperry

January 8, 1997

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:)

Signature of the Keeper

Date of Action

Edson M. Beall 2/27/97

Cedar Creek Bridge
Name of Property

Adams, 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 through truss bridge

Materials
(Enter categories from instructions.)

foundation concrete
walls _____
roof _____
other steel

Narrative Description

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

Cedar Creek Bridge
Name of Property

Adams, 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

1908-1946

Significant Dates

1908

Significant Person

(Complete if Criterion B is marked above)

N/A

Cultural Affiliation

N/A

Architect/Builder

Builder: Twin City Bridge Co.

Primary location of additional data:

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

Name of repository: _____

Cedar Creek Bridge
Name of Property

Adams, North Dakota
County and State

10. Geographical Data

Acreege of Property Less than one acre.

UTM References

(Place additional UTM references on a continuation sheet.)

1	1 3	7 1 4 5 4 0	5 1 0 3 1 8 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: Adams County
Street & Number: Courthouse; 602 East Adams Telephone: (701) 567-2460
City or Town: Hettinger State: North Dakota Zip code: 58639

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

CEDAR CREEK BRIDGE
ADAMS COUNTY, NORTH DAKOTA

Narrative Description:

The Cedar Creek Bridge is located on an unpaved county road in rural Adams County, North Dakota. The site is located approximately six miles north and eleven miles east of Haynes, North Dakota; the most direct access to the location involves the use of gravel county roads leading north and west approximately nine miles from the town of Lemmon, South Dakota. The bridge, constructed on a north-south axis, carries a gravel "section-line" road through an isolated and lightly-settled portion of the county. The surrounding land is arid, characterized by rolling, low hills. Few trees exist in the area, and non-native grasses dominate the landscape. Much of the nearby land is used for grazing, although cultivated fields are present to the south and west. Cedar Creek, a relatively major watercourse in the region, meanders through the landscape in an easterly direction.

The bridge itself is a rigid-connected (riveted) Pratt through 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 Cedar Creek Bridge as a relatively late Pratt design. The bridge contains a single truss span, five panels in length; the truss is supplemented by a steel-stringer approach span on its north end. Overall, the bridge is approximately 115 feet long, with a vehicle deck 18 feet wide.

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

upper chords: two back-to-back channels with continuous cover plate along top flanges and V-lacing along bottom flanges
lower chords: two pairs of riveted back-to-back angles, joined with batten plates to form I-section member
verticals: two pairs of riveted back-to-back angles joined with batten plates (end verticals) or V-lacing (center verticals) to form I-section member
diagonals: two angles joined with batten plates to form U-section member
counters: two angles joined with batten plates to form U-section member
laterals: bottom: angles; top: two pairs of riveted back-to-back angles, joined with V-lacing to form I-section member
bracing: sway: angles, V-lacing; portal: "A"-formation
moveable end: rocker (south)
floor system: I-beam stringers bolted to brackets riveted to I-beam floor beams bolted to superstructure
decking: cast-in-place concrete
railing: two angles
steelmaker's marks: "ILLINOIS-S USA"

United States Department of the Interior
National Park Service

National Register of Historic Places Continuation Sheet

Section number 7 Page 2

CEDAR CREEK BRIDGE
ADAMS 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 Cedar Creek Bridge is owned and maintained by Adams County. It carries the state numerical designation 01-137-17.0.

United States Department of the Interior
National Park Service

National Register of Historic Places Continuation Sheet

Section number 8 Page 3

CEDAR CREEK BRIDGE
ADAMS 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 Cedar Creek 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 an important pattern of bridge construction in a number of counties in the state, in which one or two bridge companies received most of the contracts over a successive period of years, even with, or under the pretense of, competitive bidding. This pattern emerged in the late nineteenth century and, in some counties, continued into the 1930s. This bridge serves as a representative example of the pattern; it is one of the two oldest documented bridges in Adams County constructed by a long-term county bridge builder, the Twin City Bridge Company. The bridge is significant under Criterion C because it is one of the two oldest documented bridges in the county, being constructed soon after the county was formed in 1907. It is, in addition, a well-preserved example of the Pratt through truss design, the most common structural form for early, large-span metal bridges in the state.

Historical information: County records indicate that this riveted Pratt through-truss bridge (with stringer approach span) was one of "two steel bridges, with steel and concrete piers [to be constructed] across the Cedar River" in 1908 by the Twin City Bridge Co. of Minneapolis, Minnesota. This builder was virtually the sole bridge company employed by the county from about 1907 to the mid-1920s. Surprisingly, however, Twin City Bridge is not known to have constructed bridges elsewhere in North Dakota. A 1991 statewide survey of North Dakota's historic bridges identified five surviving bridges constructed by Twin City Bridge, all of which are in Adams County.

United States Department of the Interior
National Park Service

National Register of Historic Places Continuation Sheet

Section number 9 Page 4

CEDAR CREEK BRIDGE
ADAMS COUNTY, NORTH DAKOTA

Bibliography:

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

"Official Report of the Proceedings of the Board of County Commissioners of Adams County, North Dakota," Feb. 24, April 7, and July 11, 1908, "Book 1," pp. 51, 69, 83.

United States Department of the Interior
National Park Service

National Register of Historic Places Continuation Sheet

Section number 10 Page 5

CEDAR CREEK BRIDGE
ADAMS COUNTY, NORTH DAKOTA

Verbal Boundary Description:

The bridge is located in the Southwest quarter of Section 29, Township 130 North, Range 92 West. The boundary consists of a rectangle, measuring 160 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

CEDAR CREEK BRIDGE
ADAMS 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	South portal	N