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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 of eligibility for individual properties or districts. See instructions in *Guidelines for Completing National Register Forms* (National Register Bulletin 16). Complete each item by marking "x" in the appropriate box or by entering the requested information. If an item does not apply to the property being documented, enter "N/A" for "not applicable." For functions, styles, materials, and areas of significance, enter only the categories and subcategories listed in the instructions. For additional space use continuation sheets (Form 10-900a). Type all entries.

1. Name of Property

historic name North Omaha Creek Bridge
other name/site number NEHBS Number TS00-81

2. Location

street & number township road over North Omaha Creek N/A not for publication
city, town 3.0 miles southwest of Winnebago X vicinity
state NE county Thurston code 173 zip code 68071

3. Classification

Ownership of Property	Thurston County	Number of Resources within Property	
Category of Property	structure	Contributing	Noncontributing
		0	0 buildings
		0	0 sites
		1	0 structures
		0	0 objects
		1	0 Total

Number of contributing resources previously listed in the National Register: 0
Name of related multiple property listing: Highway Bridges in Nebraska, 1870-1942

4. 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.

Pro Bucherlong DSHPO 5/6/92
Signature of certifying official Date
Nebraska State Historical Society
State or Federal agency and bureau

In my opinion, the property meets does not meet the National Register Criteria.

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:)

Entered in the National Register
Helena Byer 6/29/92
Signature of the Keeper Date of Action

Signature of the Keeper Date of Action

6. Function or Use

Historic Function (enter categories from instructions)

TRANSPORTATION/road-related

Current Function (enter categories from instructions)

TRANSPORTATION/road-related

7. Description

Architectural Classification (enter categories from instructions)

OTHER /pin-connected Pratt truss leg bedstead

Materials (enter categories from instructions)

foundation N/A
walls N/A
roof N/A
other N/A

Describe present and historic physical appearance.

Located three miles southwest of Winnebago, this bridge spans North Omaha Creek in a rural Thurston County setting that has changed little since the structure's period of significance. Other than maintenance-related repairs, the bridge remains essentially unaltered as it continues to carry vehicular traffic. The North Omaha Creek Bridge today retains a high degree of integrity of location, design, setting, materials, workmanship, feeling and association. A description of the structure follows:

span number:	1	construction date:	ca.1905
span length:	80.0'	construction cost:	unknown
total length:	80.0'	current condition:	good
roadway wdt.:	15.4'	alterations:	none

superstructure: steel, 3-panel, pin-connected Pratt truss leg bedstead

substructure: steel piles with diagonal bracing

floor/decking: timber deck over transverse I-beam stringers

other features: end post: H-beam; upper chord: H-beam; lower chord: I-beam with angle carrying stringers; diagonal: bar, square rods at center; floor beam: I-beam; lateral bracing: angles; guardrail: lattice.

8. Statement of Significance

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

	statewide
Applicable National Register Criteria	C
Criteria Considerations (Exceptions)	N/A
Areas of Significance	Engineering
Period of Significance	1905 (The period of significance is derived from the original construction date.)
Significant Dates	ca.1905
Cultural Affiliation	N/A
Significant Person	N/A
Architect/Builder (Designer)	
Standard Bridge Company, Omaha NE (Builder)	Standard Bridge Company, Omaha NE

State significance of property, and justify criteria, criteria considerations and areas of significance noted above.

No specific reference to the North Omaha Creek Bridge was found in county records, but based on its truss leg bedstead configuration, it was probably built about 1905. Although numerous truss leg bedstead bridges were erected throughout the state, most featured industry-standard floor systems with longitudinal stringers. This bridge has transverse I-beam stringers that rest on a continuous angle section and are bolted and riveted to the webs of deeper longitudinal I-beam stringers. I-beam floor beams exist only at the panel point to support the struts. Robert Zale Drake claims credit for inventing the transverse joist bridge and the multiple punch used in its manufacture. Drake's firm, the Standard Bridge Company held the annual contracts to build Thurston County's bridges from 1902 until 1914. This modest crossing is likely among the earlier Thurston County bridges erected by the Omaha-based firm. Its transverse joist floor system distinguishes it as a peculiar - and somewhat structurally redundant - hybrid of truss and beam construction. The bridge is thus technologically significant as an uncommon exercise in bridge engineering in Nebraska.

For further contextual information regarding bridge building in Nebraska, registration requirements, and property types, see related multiple property listing "Highway Bridges in Nebraska, 1870 - 1942."

9. Major Bibliographical References

Nebraska Department of Roads, Structure Inventory and Appraisal: Structure Number C008703105P; Sara Mullin Baldwin and Robert Baldwin, eds., **Biographical Sketches of Nebraska Men and Women of Achievement** (Hebron, Nebraska: The Baldwin Co., 1932), pages 343-344; field inspection by Fred Quivik, 19 July 1989.

___ 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:)

10. Geographical Data

Acreage of Property less than one acre
Cadastral Reference Center S1/2, S28, T26N, R8E
USGS Quadrangle Pender Northeast (7.5 Minute Series, 1966)
UTM References zone 14 easting 703900 northing 4674060

___ See continuation sheet

Verbal Boundary Description

The nominated property is a rectangular shaped parcel measuring 80 feet by 17.4 feet, which is centered on the UTM point listed above. Included within this rectangular parcel are the bridge's superstructure, substructure and floor system.

___ See continuation sheet

Boundary Justification

The nominated structure includes the bridge's superstructure, substructure, floor system, any approach spans and the property on which they rest. These boundaries encompass, but do not exceed, all of the property that has been historically associated with this bridge.

___ See continuation sheet

11. Form Prepared By

name/title	Carl W. McWilliams, Research Historian, and Clayton B. Fraser, Principal				
organization	Fraserdesign and Hess, Roise and Company	date	30 June 1991		
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