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

1. Name of Property

historic name Ten Mile Creek Bridge

other names/site number _____

2. Location

street & number Happy Hollow road over Ten Mile Creek not for publication

city or town 5.7 miles northwest of Decorah vicinity

state Iowa code IA county Winneshiak code 191 zip code 52101

3. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act, 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.)

Kathleen Quilley *DSHPD* *4-7-98*
 Signature of certifying official/Title Date

STATE HISTORICAL SOCIETY OF IOWA
 State or Federal agency and bureau

In my opinion, the property meets does not meet the National Register criteria. (See continuation sheet for additional comments.)

 Signature of certifying official/Title Date

 State or Federal agency and bureau

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): _____

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	
0	0	buildings
0	0	sites
1	0	structures
0	0	objects
1	0	Total

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

Highway Bridges of Iowa

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: Kingpost pony truss

Materials
(Enter categories from instructions)

foundation Stone

walls

roof Steel

other

Narrative Description

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

Located 5.7 miles northwest of Decorah, Ten Mile Creek Bridge spans Ten Mile Creek in a rural Winneshiek County setting that has changed little since the structure's period of significance. A description of the structure follows:

span number: 1 construction date: c1895
 span length: 35.0' construction cost: unknown
 total length: 36.0' current condition: fair
 roadway wdt.: 16.0' alterations: none

superstructure: steel, 2-panel, pin- and rigid-connected Kingpost pony truss
 substructure: stone abutments and wingwalls
 floor/decking: timber deck over steel stringers
 other features: inclined end post: 2 channels with cover and batten plates; lower chord: 2 looped rectangular eyebars; vertical: 2 channels with lacing; lateral bracing: round rod with threaded ends; floor beam: I-beam, U-bolted to lower chord pins

Other than maintenance-related repairs, the bridge remains essentially unaltered as it continues to carry vehicular traffic. The Ten Mile Creek Bridge today retains a high degree of integrity of location, design, setting, materials, workmanship, feeling and association.

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 continuation sheets.)

Areas of Significance

(Enter categories from instructions)

ENGINEERING

Period of Significance

c1895

(The period of significance is derived from the original construction date.)

Significant Dates

c1895 (construction date)

Significant Person

(Complete if Criterion B is marked above)

N/A

Cultural Affiliation

N/A

Architect/Builder

designer:

R.D. Wheaton Bridge Company, Chicago IL

fabricator:

R.D. Wheaton Bridge Company, Chicago IL

builder:

R.D. Wheaton Bridge Company, Chicago IL

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
recorded by Historic American Engineering Record

Primary location of additional data:

- State Historic Preservation Office
other State agency
Federal agency
Local government
University
other
name of repository:

10. Geographical DataAcreage of Property less than one acre**UTM References**

(Place additional UTM references on a continuation sheet)

1 15 590105 4798740
zone easting northing2 _____
zone easting northing**Verbal Boundary Description**

(Describe the boundaries of the property)

The nominated property is a rectangular-shaped parcel measuring 18 feet by 36 feet, which is centered on the UTM point(s) listed above. Included within this rectangular parcel are the bridge's superstructure, substructure, approach spans and floor system.

Boundary Justification

(Explain why the boundaries were selected)

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 the bridge.

11. Form Prepared By

name/title Michelle Crow-Dolby
 organization Fraserdesign date 31 August 1994
 street & number 1269 Cleveland Avenue telephone 303-669-7969
 city or town Loveland state Colorado zip code 80537

Additional Documentation

Submit the following items with the completed form:

Continuation Sheets**Maps**

A USGS map (7½ 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/title Winneshiek County
 street & number 201 West Main Street telephone 319-382-2951
 city or town Decorah state Iowa zip code 52101

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 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 Projects (1024-0018), Washington, DC 20503.

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

**National Register of Historic Places
Continuation Sheet**

Section Number 8 Page 1 Ten Mile Creek Bridge Winneshiek County; Iowa

This short-span crossing of Ten Mile Creek is located some five miles northwest of Decorah in central Winneshiek County. County records do not refer specifically to this kingpost pony truss, but it appears to have been built circa 1895, probably by the R.D. Wheaton Bridge Company of Chicago, which supplied several kingpost trusses to the county at that time. Consisting of a kingpost pony truss with rigid-connected upper chords and pinned lowers, the structure is supported by stone abutments. Since its completion, the Ten Mile Creek Bridge has continued to carry intermittent traffic in its picturesque setting, while retaining an exceptional degree of structural integrity.

With its roots extending to the Middle Ages, the kingpost pony truss was the most rudimentary truss type. Numerous kingposts were built on Nebraska's early roads in the late 19th and early 20th centuries, executed first as timber/iron combination structures and later in all-metal configurations. The Kingpost as a structural type was generally limited to relatively short-span applications, however, and as steel beam bridges received widespread acceptance after the turn of the century, erection of kingpost trusses declined rapidly. This bridge in Winneshiek County is a well-preserved example of this mainstay structural type.

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

**National Register of Historic Places
Continuation Sheet**

Section Number 9 Page 2 Ten Mile Creek Bridge Winneshiek County; Iowa

Iowa Department of Transportation, Structure Inventory and Appraisal: Structure Number 347800.

W.E. Alexander, *History of Winneshiek and Allamakee Counties, Iowa* (Sioux City, IA: Western Publishing Company, 1875).

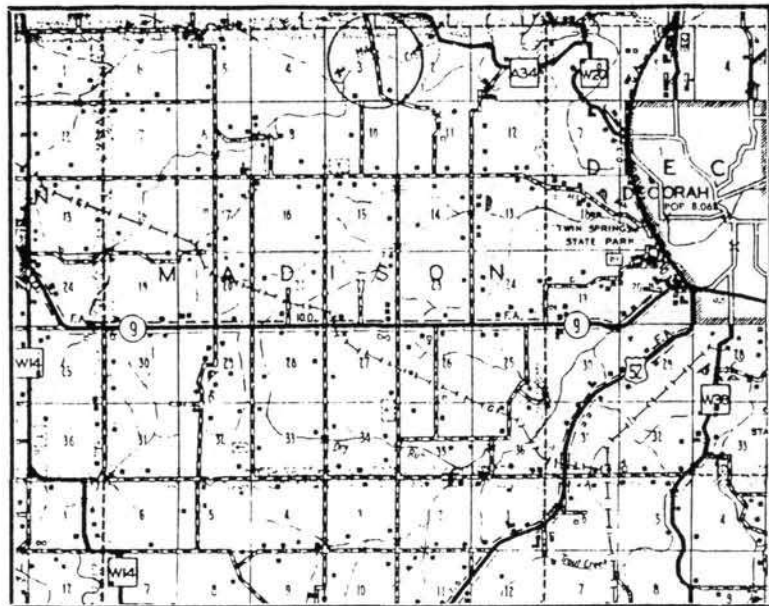
W.J. Sparks, *History of Winneshiek County with Biographical Sketches of its Eminent Men* (Decorah, IA, 1877).

Field inspection by Clayton Fraser, 10 October 1990.

NAME(S) OF STRUCTURE

Ten Mile Creek Bridge

PHOTOS AND SKETCH MAP OF LOCATION



LOCATION MAP

TAKEN FROM IOWA DEPARTMENT OF TRANSPORTATION
HIGHWAY AND TRANSPORTATION MAP

SOURCES

Iowa Department of Transportation, Structure Inventory and Appraisal: Structure Number 347800; *History of Winneshiek and Allamakee Counties, Iowa*, by W.E. Alexander, Western Publishing Company, 1875, Sioux City IA; *History of Winneshiek County with Biographical Sketches of its Eminent Men*, by W.J. Sparks, 1877, Decorah IA; field inspection by Clayton Fraser, 10 October 1990.

INVENTORIED BY

Michelle Crow-Dolby and Clayton Fraser

AFFILIATION

Fraserdesign, Loveland CO

DATE

18 March 1992

