



782

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 Stoe Creek Bridge

other names/site number _____

2. Location

street & number V Avenue over Stoe Creek not for publication

city or town 8.9 miles northwest of Oelwein vicinity

state Iowa code IA county Fayette code 065 zip code 52142

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.)

Patricia Christy DSHPD 5-6-98
Signature of certifying official/Title Date

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):

Edson A. Beall 6-25-98

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: concrete through girder

Materials
(Enter categories from instructions)

foundation Concrete

walls

roof

other Concrete

Narrative Description

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

Located 8.9 miles northwest of Oelwein, the Stoe Creek Bridge spans Stoe Creek in a rural Fayette County setting that has changed little since the structure's period of significance. A description of the structure follows:

span number: 1	construction date: 1913-14
span length: 36.0'	construction cost: \$1654.00
total length: 38.0'	current condition: good
roadway wdt.: 16.5'	alterations: none

superstructure: concrete through girder
 substructure: concrete abutments and wingwalls
 floor/decking: concrete deck
 other features: solid concrete guardrails with recess panel

Other than maintenance-related repairs, the bridge remains essentially unaltered as it continues to carry vehicular traffic. The Stoe 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.

Areas of Significance

(Enter categories from instructions)

ENGINEERING

Period of Significance

1913-14

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

Significant Dates

1913-14 (construction date)

Significant Person

(Complete if Criterion B is marked above)

N/A

Cultural Affiliation

N/A

Architect/Builder

designer: Iowa State Highway Commission

fabricator: none

builder: N.M. Stark and Company, Des Moines IA

Narrative Statement of Significance

(Explain the significance of the property on 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
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 581600 4737950
zone easting northing2 _____
zone easting northing**Verbal Boundary Description**

(Describe the boundaries of the property)

The nominated property is a rectangular-shaped parcel measuring 19 feet by 38 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 Clayton B. Fraser
 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 locationA **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 Fayette County
 street & number P.O. Box 269 telephone 319-422-6061
 city or town West Union state Iowa zip code 52175

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 Stoe Creek Bridge Fayette County; Iowa

Located northwest of Oelwein, this short-span concrete bridge carries a gravel-surfaced county road over Stoe Creek. The bridge is comprised of a single through girder span, with reinforced concrete substructure, deck and guardrails that double as the girders. The Stoe Creek Bridge dates to 1913. In June and July of that year the Fayette County Board of Supervisors awarded contracts to several bridge builders for several small-scale bridges, including the Stoe Creek Bridge in Fremont Township. Begun by Des Moines contractor N.M. Stark in 1913, it was completed the following year for a cost of \$1654.00. Since its completion in 1914, the Stoe Creek Bridge has carried vehicular traffic, in unaltered condition.

Carrying the roadway deck between the two structural beams, the through girder bridge was one of the first standard designs developed by the state highway commission after its re-organization in 1913. Several of Iowa's counties built through girder bridges in the 1910s, although none appears to have embraced this structural type more than Fayette. The advantage of the through girder was that it required less clearance between the roadway and the high water mark than did the deck girder. Its disadvantages were that it required slightly more material than the deck girder and it was not as flexible: with the structural members above the deck, the through girder could not be widened later. Ultimately the disadvantages outweighed the advantages, and the through girder was phased out of common use in Iowa by the early 1920s. It is not known where the first ISHC-standard through girder was built, but the Stoe Creek Bridge in Fayette County was certainly among the earliest of its type in the state. This modestly scaled and detailed bridge is today noteworthy as one of the oldest remaining examples in Iowa of the concrete through girder, designed by the state highway commission and built by Iowa's most prolific concrete bridge contractor. It is thus a technologically important, transportation-related resource.

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

**National Register of Historic Places
Continuation Sheet**

Section Number 9 Page 2 Stoe Creek Bridge Fayette County; Iowa

Iowa Department of Transportation, Structure Inventory and Appraisal: Structure Number 150710.

Fayette County Engineer's Annual Report: 1914, located at the Fayette County Engineer's Office, West Union IA.

Fayette County Auditor's Register of Bridge Warrants: 1913, located at the Fayette County Courthouse, West Union IA.

First Annual Report of the Iowa State Highway Commission, 1913-14, page 277.