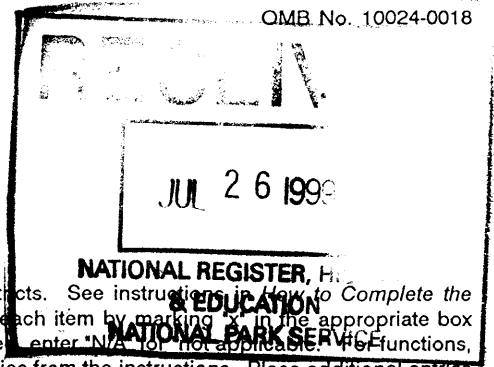


JUL - 6 1999

United States Department of the Interior
National Park Service

National Register of Historic Places
Registration Form

1033



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 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." If 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 Savanna-Sabula Bridge

other names/site number _____

2. Location

street & number State Hwy 64 / U.S. Hwy 52 over Mississippi River not for publication

city or town Sabula vicinity

state Iowa / Illinois code IA / IL county Jackson / Carroll code 097/015 zip code 52070

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 Oberkny DSHPO 2-20-99
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.)

William L. Wheeler / SHPO, IL 6/30/99
Signature of certifying official/Title Date

Illinois Historic Preservation Agency

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):

Linda McClelland 8/27/99

Savanna-Sabula Bridge

Carroll County, Illinois
Jackson County; Iowa

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: cantilever through truss

Materials
(Enter categories from instructions)

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

Narrative Description

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

Located near Sabula, the Savanna-Sabula Bridge spans the Mississippi River in a setting that has changed little since the structure's period of significance. A description of the structure follows:

| | |
|-------------------------|---|
| span number: 1; 2 | construction date: 1931-32 |
| span length: 520'; 390' | construction cost: \$750,000.00 (approximate) |
| total length: 2461' | current condition: good |
| roadway wdt.: 20.0' | alterations: deck replaced |

superstructure: steel, rigid-connected cantilever through truss
 substructure: concrete abutments, wingwalls and piers
 floor/decking: steel grid decking over steel stringers
 other features: upper chord / inclined end post: wide flange; lower chord: 2 channels with batten plates; vertical: 2 channels with lacing (4 angles with lacing at hip); diagonal: 4 angles with lacing; lateral bracing: 2 angles with lacing; strut: 4 angles with lacing; floor beam: I-beam; guardrail: deep steel channel

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

1931-32

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

Significant Dates

1931-32 (construction date)

Significant Person

(Complete if Criterion B is marked above)

N/A

Cultural Affiliation

N/A

Architect/Builder

designer:

G.A. Maney, Evanston IL

fabricator:

Minneapolis Bridge Co., Minneapolis MN

builder:

Minneapolis Bridge Co., Minneapolis MN

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:

Savanna-Sabula Bridge

Jackson County; Iowa

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

(Place additional UTM references on a continuation sheet)

1 15 734250 4665000
zone easting northing2 15 734970 4665060
zone easting northing**Verbal Boundary Description**

(Describe the boundaries of the property)

The nominated property is a rectangular-shaped parcel measuring 22 feet by 2,461 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 Iowa Department of Transportation
 street & number 800 Lincoln Way telephone 515-239-1639
 city or town Ames state Iowa zip code 50010

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 Savanna-Sabula Bridge Carroll County, Illinois
Jackson County, Iowa

Bridging the Mississippi river between the two riverfront towns of Savannah (Illinois) and Sabula (Iowa), this long-span through truss carries U.S. Highway 52 and State Highway 64. The main section of the Savannah-Sabula Bridge is comprised of a series of three rigid-connected through trusses, with a 520-foot, cantilevered center span flanked on both sides by 390-foot anchor spans. All are supported by spill-through concrete piers. The bridge abuts directly into the cliffs on the east side; on the west side a simply supported, 280-foot through truss and a series of steel stringer spans form the approach. Although local citizens had been promoting the construction of a highway bridge at this location since the completion of the CM&StP Railroad bridge here in 1881, it was not until the early 1930s that the highway bridge finally began to appear feasible. The Savanna-Sabula Bridge Company was organized by local businessmen, stocks were sold in the summer of 1931 to fund the construction, and Evanston, Illinois, consulting engineer G.A. Maney was hired to design the proposed structure. The Minneapolis Bridge Company was hired to fabricate and build the bridge. Work on the substructure began on the Iowa side in 1931. The construction progressed through that year and the next. The bridge was opened to traffic in a dedication ceremony held on December 2, 1932. "Realizing the necessity of providing more adequate transportation facilities to keep up with the ever increasing demands of traffic," a dedication plaque states, "and desiring to stimulate still further commercial intercourse between the states of Iowa and Illinois as well as to provide for the comfort and convenience of the motor-traveling public, the citizens of the communities along this route have banded together in a common effort to turn their dreams into a reality." The Savanna-Sabula Bridge functioned for years as a toll bridge, until the stocks were eventually paid off and the structure was acquired by the states of Iowa and Illinois. Today it carries interstate traffic as a free structure, with the replacement of its deck as the only alteration of note.

"Construction of the Sabula-Savanna bridge across the Mississippi added employment in the first three years of the depression," the Iowa Writers' Project reported in 1942, "besides greatly augmenting the flow of east-west traffic through the county and thereby opening a new source of revenue - the tourist trade." Costing about \$750,000, the bridge played a pivotal role in the development of transportation and commerce in the region, and for this it is historically significant. The Savanna-Sabula Bridge is technologically significant as a well-preserved example of large-scale highway truss design. Bridges over the Mississippi River comprise some of America's longest representatives of vehicular steel truss construction, and Iowa possesses a number of notable Mississippi River bridges. Eight of these, including the Savanna-Sabula Bridge, are included in the statewide historic bridge inventory. Although typically configured for a structure of its scale, the Savanna-Sabula Bridge ranks among Iowa's most monumental examples of steel truss construction.

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

**National Register of Historic Places
Continuation Sheet**

Section Number 9 Page 2 Savanna-Sabula Bridge

Carroll County, Illinois
Jackson County; Iowa

Iowa Department of Transportation, Structure Inventory and Appraisal: Structure No. 029940.

(Maquoketa) **Jackson Sentinel**, "Savannah over the Top with Bridge Pledges," (19 May 1931), "Toll Bridges Are Necessary to Fill Popular Design," (26 June 1931), "Sale of Bridge Stock Goes Merrily On," (10 July 1931), "Sale of Bridge Stock Is Making Good Progress," (21 July 1931), "Toll Bridge Increase Earnings," (24 July 1931), "Advance Bridge Men View Site," (24 August 1931), "Iowa Man Gets Road Contract for Sabula Roadway," (8 December 1931), "Rapid Progress Being Made on Bridge Project," (5 January 1932), "Clinton Firm to Furnish Steel for New Bridge," (8 March 1932), "Many Visitors Watch Progress on New Bridge," (31 May 1932), "Can You Think of a Good Name for New Bridge?" (19 July 1932), "Will Complete Sabula Bridge by October 15," (20 September 1932), "New Bridge to be Open to Public on December 9," (18 November 1932), "New Savannah-Sabula Bridge Is Dream Come True," (2 December 1932), located at Maquoketa Public Library, Maquoketa IA.

Iowa Writers' Project, "Jackson County History, Iowa," typewritten report, 1942.

Field inspection by Clayton Fraser, 10 December 1989.