



**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 any 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 N/A
other names/site number South Dakota Department of Transportation Br. No. 14-060-032

2. Location

street & number Local Road over Spring Creek not for publication
city or town Wakonda vicinity X
state South Dakota code SD county Clay code 027 zip code 57073

3. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act of 1986, 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. I recommend that this property be considered significant nationally statewide x locally. (See continuation sheet for additional comments.)

Jay D. Vogt 12-07-99
Signature of certifying official 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 commenting or other official Date

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 Edson H. Beall Date of Action 1-28-00

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

Contributing	Noncontributing	
<u>0</u>	<u>0</u>	buildings
<u>0</u>	<u>0</u>	sites
<u>1</u>	<u>0</u>	structures
<u>0</u>	<u>0</u>	objects
<u>1</u>	<u>0</u>	Total

Number of contributing resources previously listed in the National Register 0

Name of related multiple property listing (Enter "N/A" if property is not part of a multiple property listing.) Historic Bridges in South Dakota

6. Function or Use

Historic Functions (Enter categories from instructions)

Cat: Transportation Sub: Road-Related

Current Functions (Enter categories from instructions)

Cat: Transportation Sub: Road-Related

7. Description

Architectural Classification (Enter categories from instructions)

Other: Concrete Deck Arch

Materials (Enter categories from instructions)

foundation Concrete
roof _____
walls _____
other Concrete

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

See Continuation Sheets

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.)

- A** owned by a religious institution or used for religious purposes.
- B** removed from its original location.
- C** a birthplace or a 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.

Areas of Significance (Enter categories from instructions)

Engineering

Period of Significance

Ca. 1916

Significant Dates CA. 1916

Significant Person (Complete if Criterion B is marked above)
 N/A

Cultural Affiliation N/A

Architect/Builder N/A

Narrative Statement of Significance (Explain the significance of the property on one or more continuation sheets.)

See Continuation Sheets

9. Major Bibliographical References

(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: South Dakota Department of Transportation

Property Owner

(Complete this item at the request of the SHPO or FPO.)

name _____
street & number _____ telephone _____
city or town _____ state SD zip code _____

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.

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Architectural Description

Carrying an unpaved road across Spring Creek about 3 miles northeast of Wakonda, Bridge No. 14-060-032 is a 30-foot single-span, deck, concrete arch with solid, concrete railings ornamented with 4 recessed panels. Springing from grade, the arch is semicircular in configuration and about 25 feet in clear span. The abutments have sloped, flared wing walls. Paired strands of steel wire protrude from the spandrel-wall surface on both elevations. The bridge retains excellent integrity.

Statement of Significance

Bridge Number 14-060-032 is being nominated to the National Register of Historic Places as part of the "Historic Bridges in South Dakota" Multiple Property Nomination. It is related to the historic context of "Historic Bridges in South Dakota, 1893-1942" and is classified with the associated property type for reinforced concrete highway bridges. This bridge is individually eligible for the National Register under Criterion C as the only surviving example of a concrete deck arch in Clay County. The bridge retains excellent integrity.

By the early 1910s, reinforced concrete came into use in South Dakota for the construction of bridges. The earliest concrete bridges in South Dakota were built in the southeastern portion of the state, and many, if not all of these structures were professionally designed. However, while the construction of steel bridges had been monopolized by out-of-state firms. These same out-of-state steel bridge companies never seemed to monopolize the concrete bridge building market. Instead, many local contractors successfully competed in this aspect of the bridge building business.

Bridge No. 14-060-032 has been assigned a construction date of 1940 by the State Highway Department. However, it is doubtful that either the state or the county would have built a 30-foot concrete arch with a 15-foot roadway at that late date. If a concrete bridge had been designed for the site in 1940, it probably would have been a simple slab with a roadway wider than 16 feet. This bridge was probably built before the establishment of the State Highway Commission in 1919. According to Clay County Commissioners Records, the county began building concrete bridges as early as 1914. In view of the fact that the bridge is the only concrete arch surviving in the Clay County, and one of only 18 surviving in the state, it represents a rare example of a type.

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Bibliography

Structure Inventory and Appraisal Sheet for Bridge No. 14-060-032, 1988, South Dakota Department of Transportation.

Clay County Commissioners Record, February 24, 1914, Clay County Auditor's Office.

Verbal Boundary Description

The nominated property consists of a rectangle, 20 feet by 35 feet, whose vertices coincide with the outside corners of the bridge abutments at each end of the bridge, and includes only the bridge superstructure and the substructure.

Boundary Justification

Because the bridge is located on a public road, there are no legal boundary lines for the ends of the bridge. Therefore, these boundaries are drawn to encompass only the superstructure and substructure of the bridge itself.