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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 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 SD DOT Bridge Number 34-202-072
other names/site number N/A

2. Location

street & number 424th Ave not for publication N/A
city or town Parkston vicinity X
state South Dakota code SD county Hutchinson code 067 zip code 57366

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
Signature of certifying official

04-16-2002
Date

SD SHPO
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

Name of Property

County and State

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 N. Beall Date of Action: 5/30/02

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 Girder

Materials (Enter categories from instructions)

foundation Concrete
roof _____
walls _____
other Concrete, Steel

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

1941 _____

Significant Dates 1941

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

Cultural Affiliation N/A

Architect/Builder Unknown

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: _____

10. Geographical DataAcreage of Property Less than 1 acre**UTM References**

(place additional UTM references on a continuation sheet.)

1	<u>14</u>	<u>604201</u>	<u>4805629</u>	3	<u> </u>	<u> </u>	<u> </u>
	Zone	Easting	Northing		Zone	Easting	Northing
2	<u> </u>	<u> </u>	<u> </u>	4	<u> </u>	<u> </u>	<u> </u>
					<input type="checkbox"/>	See continuation sheet	

Verbal Boundary Description (Describe the boundaries of the property on a continuation sheet.) See Continuation Sheet**Boundary Justification** (Explain why the boundaries were selected on a continuation sheet.) See Continuation Sheet**11. Form Prepared By**

name/title Lynda B. Schwan
organization SD SHPO date February 10, 2002
street & number 900 Governors Drive telephone 605-773-6056
city or town Pierre state SD zip code 57501

Additional Documentation

Submit the following items with the completed form:

Continuation Sheets**Maps**A **USGS map** (7.5 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 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

Built on a rural country road, Bridge No. 34-202-072 carries an unpaved road across the James River approximately 13 miles east of Parkston. The structure consists of 4 spans measuring approximately 23 feet wide by 244 feet long. The substructure consists of four large concrete girders, supporting a cast concrete deck. On either side of the 23-foot road bed is a historic concrete balustrade guardrail of a standard state design. The guardrails on either side of the concrete deck are identical. Each end of the balustrade has a short wingwall. Between the walls are oval openings in a continuous row, which creates the design of the balustrade. The abutments, backwalls, and wingwalls of the bridge are historic poured concrete. The intermediate piers, which support each span, are also concrete with two vertical posts with a variable-depth concrete cap.

Statement of Significance

SD DOT Bridge Number 34-202-072 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, 1893-1943" and is classified with the associated property type for Reinforced Concrete. The bridge is individually eligible for the National Register under Criterion C as an excellent example of the Reinforced Concrete bridge type.

Reinforced Concrete bridges in South Dakota are divided into three sub types: 1) arched spans, 2) slab, beam and girder spans, 3) rigid frames spans. SD DOT Br. No. 34-202-072 falls into the slab, beam and girder spans sub type. All spans in this property type share the common characteristics of employing reinforced concrete to construct a bridge of one or more spans. These bridges are only spans designed to be highway bridges.

Reinforced girder bridges have different configurations to meet demands of clearance, length and/or economics. This type was used in some South Dakota counties extensively after the beginnings of the South Dakota State Highway Commission. The South Dakota State Highway Commission specified them in standard designs as alternatives to wood and metal. After 1920, girders were specified almost exclusively for concrete bridges of small to medium spans. Reinforced concrete girder bridges were used for spans larger than 40 feet. This type of bridge can be either a deck or through girder.

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According to *Historic Bridges in South Dakota, 1990*, concrete girder bridges were of a state standard design. Gas pipe railings set in concrete posts with an "I" shape was typical for this bridge type. The approach guards are flared and integral to the wingwalls and include a recessed panel. SD DOT Bridge Number 34-202-072 does not fall into the state standard for concrete girder bridges. While it does have the girder substructure and the wingwalls with a recessed panel, the railings are different. The railings are an open balustrade design with concrete balusters. This bridge is also significant as a longer bridge design. Most bridges of this type in South Dakota measures 50 feet. This bridge in Hutchinson County measures 244 feet in length.

As South Dakota Bridge Number 34-202-072 retains complete design integrity and all building materials are intact, the bridge is eligible under Criterion C for the National Register of Historic Place. It is excellent example of the Reinforced Concrete design.

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Bibliography

RTI. *Historic Bridges of South Dakota*. November 1990.

Verbal Boundary Description

The nominated property consists of a rectangle, 23 feet by 244 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.