

NPS Form 10-900  
(Rev. 8-86)

OMB No. 1024-0018

RECEIVED

United States Department of the Interior  
National Park Service

OCT 25 1993

NATIONAL REGISTER OF HISTORIC PLACES  
REGISTRATION FORM

NATIONAL  
REGISTER

=====

1. Name of Property

=====

historic name: Old Cochrane Road Bridge

other name/site number: South Dakota Dept. of Trans. Br. No. (No active number)

=====

2. Location

=====

street & number: Abandoned local road over the inlet to Lake Cochrane

not for publication:     

city/town: Brandt

vicinity: X

state: SD county: Deuel

code: 039

zip code: 57218

=====

3. Classification

=====

Ownership of Property: private

Category of Property: structure

Number of Resources within Property:

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

Number of contributing resources previously listed in the National Register:   0  

Name of related multiple property listing: Historic Bridges in South Dakota

4. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act of 1986, 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.  See continuation sheet.

[Signature] Signature of certifying official 10/12/93 Date

SOD JHPD State or Federal agency and bureau

In my opinion, the property  meets  does not meet the National Register criteria.  See continuation sheet.

\_\_\_\_\_  
Signature of commenting or other official Date

\_\_\_\_\_  
State or Federal agency and bureau

5. National Park Service Certification

I, hereby certify that this property is:

- entered in the National Register [Signature] 12/9/93  
 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 Keeper Date of Action

6. Function or Use

Historic: Transportation Sub: road-related (vehicular)  
 \_\_\_\_\_  
 Current : Abandoned Sub: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

7. Description

Architectural Classification:

Other \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Other Description: Stone arch

Materials: foundation concrete roof \_\_\_\_\_  
 walls \_\_\_\_\_ other stone  
 \_\_\_\_\_

Describe present and historic physical appearance. X See continuation sheet.

United States Department of the Interior  
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES  
CONTINUATION SHEET

Section number 7

Old Cochrane Road Bridge Page 6

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Spanning a small inlet at the southwest corner of Lake Cochrane in the northeast corner of Norden Township, the Old Cochrane Road Bridge is an abandoned highway structure that once carried a local, unpaved road around the lake. After this road was rerouted slightly to the west of the bridge, the structure passed into private ownership. It is currently part of a lakeside parcel that includes a cottage immediately to the south. The structure is a single-span stone-arch bridge built of unworked fieldstone, primarily granite. Springing about 4 feet above grade, the arch spans about 6 feet. The stonework is quite crude, displaying heavily mortared joints at least 2 inches in width. The arch vault is coated with a concrete sheath bearing formwork impressions, indicating that the voussoirs were probably laid up dry on the centering and then covered by a pouring of concrete -- a standard technique for rural stone-arch bridge construction in the early twentieth century. Although in deteriorating condition, the structure retains good integrity.

8. Statement of Significance

Certifying official has considered the significance of this property in relation to other properties: \_\_\_\_\_.

Applicable National Register Criteria: C

Criteria Considerations (Exceptions) : \_\_\_\_\_

Areas of Significance: Engineering  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Period(s) of Significance: 1910

Significant Dates : ca1910 \_\_\_\_\_

Significant Person(s): N/A

Cultural Affiliation: N/A

Architect/Builder: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

State significance of property, and justify criteria, criteria considerations, and areas and periods of significance noted above.

X See continuation sheet.

9. Major Bibliographical References

X See continuation sheet.

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 -- Specify Repository: South Dakota Department of Transportation

 =====  
 10. Geographical Data  
 =====
Acreage of Property: less than 1 acre

UTM References: Zone Easting Northing      Zone Easting Northing

A	<u>14</u>	<u>699050</u>	<u>4952580</u>	B	<u>    </u>	<u>    </u>	<u>    </u>
C	<u>    </u>	<u>    </u>	<u>    </u>	D	<u>    </u>	<u>    </u>	<u>    </u>

     See continuation sheet.

Verbal Boundary Description:      See continuation sheet.

The nominated property consists of a rectangle, 21 feet wide by 22 feet long, whose vertices coincide with the outside corners of the bridge abutments at each end of the bridge, and includes only the bridge superstructure and substructure.

Boundary Justification:      See continuation sheet.

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.

 =====  
 11. Form Prepared By  
 =====
Name/Title: Jennifer Traeger/Historian and Jeffrey A. Hess/HistorianOrganization: Renewable Technologies, Inc.Date: August 1990/9-93Street & Number: 510 Metals Bank Bldg.Telephone: (406)782-0494City or Town: ButteState: MT ZIP: 59701

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National Park Service

NATIONAL REGISTER OF HISTORIC PLACES  
CONTINUATION SHEET

Section number 8 & 9

Old Cochrane Road Bridge

Page 7

8. Significance

Old Cochrane Road Bridge 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 masonry arch bridges. This bridge is individually eligible for the National Register under Criterion C as the only surviving example of a stone arch built prior to the New Deal program. The bridge retains good integrity.

The date of construction for the Old Cochrane Road Bridge has not been determined, but the Deuel County Commissioners Records indicate that the county built at least one other stone-arch highway bridge during the first decade of the twentieth century. Given its type of construction, the Old Cochrane Road Bridge probably dates from the same period.

The Old Cochrane Road Bridge is South Dakota's only known, surviving example of a stone-arch highway bridge constructed prior to the New Deal era. Among the 11 stone arch bridges inventoried in South Dakota, ten of them were built during the New Deal era. All of these are located in Turner County, where approximately 185 masonry-arch bridges survive as a result of a massive New Deal masonry-arch construction program.

9. Bibliography

Jeffrey A. Hess, Interview with Ken Skorseth, Deuel County Highway Supervisor, March 28, 1989.

Jeffrey A. Hess and Robert M. Frame, Stone Arch and Concrete Arch Highway Bridges in Wisconsin (Madison, WI: Wisconsin Department of Transportation, 1986), pp. 35-61

Deuel County Commissioners Records, Vol. B, May 25, 1906, p.479.

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National Register of Historic Places  
Continuation Sheet

Section number \_\_\_\_\_ Page \_\_\_\_\_

Historic Bridges in South Dakota MPS  
SOUTH DAKOTA

Date Listed

COVER

Section Number	Description	Date Listed
93001295	Capa Bridge	Linda McClelland 12/9/93
93001287	Chilson Bridge	Linda McClelland 12/9/93
93001308	Eighth Street Bridge	Linda McClelland 12/9/93
93001298	Esmond Bridge	Linda McClelland 12/9/93
93001317	Hall Bridge	Linda McClelland 12/9/93
93001274	Hay Creek Bridge	Linda McClelland 12/9/93
93001264	Kemp Avenue Bridge	Linda McClelland 12/9/93
93001266	Larson Bridge	Linda McClelland 12/9/93
93001277	Minnesela Bridge	Linda McClelland 12/9/93
93001268	Old Cochrane Road Bridge	Linda McClelland 12/9/93
93001281	Red Shirt Bridge	Linda McClelland 12/9/93
93001300	Redwater Bridge, Old	Linda McClelland 12/9/93
93001269	South Dakota Dept. of Transportation Bridge No. 03 -338-100	Linda McClelland 12/9/93
93001260	South Dakota Dept. of Transportation Bridge No. 03 -020-008	Linda McClelland 12/9/93
93001261	South Dakota Dept. of Transportation Bridge No. 03 -327-230	Linda McClelland 12/9/93
93001270	South Dakota Dept. of Transportation Bridge No. 05 -028-200	Linda McClelland 12/9/93
93001271	South Dakota Dept. of Transportation Bridge No. 05 -032-170	Linda McClelland 12/9/93
93001272	South Dakota Dept. of Transportation Bridge No. 05 -138-080	Linda McClelland 12/9/93
93001273	South Dakota Dept. of Transportation Bridge No. 05 -255-130	Linda McClelland 12/9/93
93001276	South Dakota Dept. of Transportation Bridge No. 10 -112-355	Linda McClelland 12/9/93
93001275	South Dakota Dept. of Transportation Bridge No. 10 -109-360	Linda McClelland 12/9/93
93001278	South Dakota Dept. of Transportation Bridge No. 12 -503-230	Linda McClelland 12/9/93
93001265	South Dakota Dept. of Transportation Bridge No. 15 -210-136	Linda McClelland 12/9/93
93001279	South Dakota Dept. of Transportation Bridge No. 16 -570-054	Linda McClelland 12/9/93
93001280	South Dakota Dept. of Transportation Bridge No. 17 -289-107	Linda McClelland 12/9/93
93001282	South Dakota Dept. of Transportation Bridge No. 18 -040-137	Linda McClelland 12/9/93
93001283	South Dakota Dept. of Transportation Bridge No. 18 -060-202	Linda McClelland 12/9/93

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**National Register of Historic Places  
Continuation Sheet**

Section number 3 Page 1

**SUPPLEMENTARY LISTING RECORD**

NRIS Reference Number: see below Date Listed: 12/09/93

Property Name: see below

County: see below State: South Dakota

Historic Bridges in South Dakota MPS  
Multiple Name

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The following properties are listed in the National Register of Historic Places in accordance with the attached nomination documentation subject to the following exceptions, exclusions, or amendments, notwithstanding the National Park Service certification included in the nomination documentation.

Linda McClelland  
Signature of the Keeper

December 9, 1993  
Date of Action

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Amended Items in Nomination:

Section 3/8. State Certification/Statement of Significance. Certifying official has considered the significance of the following properties to be of state significance.

Reference No.	Property	County
93001295	Capa Bridge	Jones County
93001287	Chilson Bridge	Fall River County
93001308	Eighth Street Bridge	Minnehaha County
93001298	Esmond Bridge	Kingsbury County
93001317	Hall Bridge	Spink County
93001274	Hay Creek Bridge	Butte County
93001264	Kemp Avenue Bridge	Codington County
93001266	Larson Bridge	Codington County
93001277	Minnesela Bridge	Butte County
93001268	Old Cochrane Bridge	Deuel County
93001281	Red Shirt Bridge	Custer County
93001300	Redwater Bridge, Old	Lawrence County

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93001269	South Dakota Dept. of Transportation Bridge No. 03-338-100	Beadle County
93001260	South Dakota Dept. of Transportation Bridge No. 03-020-008	Beadle County
93001261	South Dakota Dept. of Transportation Bridge No. 03-327-230	Beadle County
93001270	South Dakota Dept. of Transportation Bridge No. 05-028-200	Bon Homme county
93001271	South Dakota Dept. of Transportation Bridge No. 05-032-170	Bon Homme County
93001272	South Dakota Dept. of Transportation Bridge No. 05-138-080	Bon Homme County
93001273	South Dakota Dept. of Transportation Bridge No. 05-255-130	Bon Homme County
93001276	South Dakota Dept. of Transportation Bridge No. 10-112-355	Butte County
93001275	South Dakota Dept. of Transportation Bridge No. 10-109-360	Butte County
93001278	South Dakota Dept. of Transportation Bridge No. 12-503-230	Charles Mix County
93001265	South Dakota Dept. of Transportation Bridge No. 15-210-136	Codington County
93001279	South Dakota Dept. of Transportation Bridge No. 16-570-054	Carson County
93001280	South Dakota Dept. of Transportation Bridge No. 17-289-107	Custer County
93001282	South Dakota Dept. of Transportation Bridge No. 18-040-137	Davison County
93001283	South Dakota Dept. of Transportation Bridge No. 18-060-202	Davison County
93001284	South Dakota Dept. of Transportation Bridge No. 18-100-052	Davison County
93001285	South Dakota Dept. of Transportation Bridge No. 18-142-150	Davison County
93001286	South Dakota Dept. of Transportation Bridge No. 20-153-210	Deuel County
93001288	South Dakota Dept. of Transportation Bridge No. 25-218-141	Faulk County
93001262	South Dakota Dept. of Transportation Bridge No. 25-380-142	Faulk County
93001289	South Dakota Dept. of Transportation Bridge No. 27-000-201	Gregory County
93001290	South Dakota Dept. of Transportation Bridge No. 27-060-298	Gregory County

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93001291	South Dakota Dept. of Transportation Bridge No. 29-221-060	Hamlin County
93001292	South Dakota Dept. of Transportation Bridge No. 29-279-010	Hamlin County
93001293	South Dakota Dept. of Transportation Bridge No. 30-257-400	Hand County
93001294	South Dakota Dept. of Transportation Bridge No. 31-115-110	Hanson County
93001297	South Dakota Dept. of Transportation Bridge No. 39-006-070	Kingsbury County
93001299	South Dakota Dept. of Transportation Bridge No. 39-176-100	Kingsbury County
93001301	South Dakota Dept. of Transportation Bridge No. 44-028-220	McCook County
93001302	South Dakota Dept. of Transportation Bridge No. 44-212-090	McCook County
93001303	South Dakota Dept. of Transportation Bridge No. 47-215-363	Meade County
93001263	South Dakota Dept. of Transportation Bridge No. 47-151-389	Meade County
93001305	South Dakota Dept. of Transportation Bridge No. 48-244-204	Melette County
93001306	South Dakota Dept. of Transportation Bridge No. 49-095-190	Miner County
93001267	South Dakota Dept. of Transportation Bridge No. 50-200-035	Minnehaha County
93001310	South Dakota Dept. of Transportation Bridge No. 56-090-096	Sanborn County
93001312	South Dakota Dept. of Transportation Bridge No. 56-174-090	Sanborn County
93001311	South Dakota Dept. of Transportation Bridge No. 56-117-123	Sanborn County
93001313	South Dakota Dept. of Transportation Bridge No. 58-010-376	Spink County
93001314	South Dakota Dept. of Transportation Bridge No. 58-021-400	Spink County
93001315	South Dakota Dept. of Transportation Bridge No. 58-025-370	Spink County
93001316	South Dakota Dept. of Transportation Bridge No. 58-062-270	Spink County
93001318	South Dakota Dept. of Transportation Bridge No. 58-120-231	Spink County
63001319	South Dakota Dept. of Transportation Bridge No. 58-140-224	Spink County

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Section number 3 Page 4

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63001320	South Dakota Dept. of Transportation Bridge No. 58-218-360	Spink County
63001321	South Dakota Dept. of Transportation Bridge No. 62-220-512	Tripp County
63001322	South Dakota Dept. of Transportation Bridge No. 64-061-199	Union County
93001309	Split Rock Park Bridge	Minnehaha County
93001304	Stamford Bridge	Miner County
93001307	Summit Avenue Viaduct	Minnehaha County
93001296	Van Metre Bridge	Jones County

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Section 8: Applicable Criteria

93001266 Larson Bridge Codington County

Criterion C should be checked and not A to be consistent with bridge's significance in engineering for its method of construction.

Section 8: Period of Significance

93001266 Larson Bridge Codington County

Period of significance is amended to read "1917" to indicate date of construction and to be consistent with significance in engineering.

93001281 Red Shirt Bridge Custer County

Period of significance is amended to read "1943-1944" to cover the period of construction.

93001278 South Dakota Dept. of Transportation Bridge No. 12-503-230  
Faulk County

Due to typographical error, period of significance is corrected to read " 1920-1943."

93001265 South Dakota Dept. of Transportation Bridge No. 15-210-136  
Codington County

Period of significance is amended to read "1917" since significance is under criterion C in engineering and the date of construction should be entered.

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93001262 South Dakota Dept. of Transportation Bridge No. 25-380-  
142 Faulk County

Period of significance is amended to read "1902" because the area of significance is engineering and the period of significance should be based on the date of construction. The bridge was moved from its original site in 1955.

Section 8: Date of Significance

93001308 Eighth Street Bridge Minnehaha County

"1977" is deleted because the date lies outside the period of significance.

93001317 Hall Bridge Spink County

"1904" is deleted because bridge is significant under criterion C for engineering and the move in 1904 falls outside the period of significance which is based on the date of construction and does not appear to have particular importance.

93001286 South Dakota Dept. of Transportation Bridge No. 20-153-  
210 Deuel County

"1960" is deleted because the date lies outside the period of significance.

93001262 South Dakota Dept. of Transportation Bridge No. 25-380-  
142 Faulk County

"1955" is deleted because the date lies outside the period of significance.

93001302 South Dakota Dept. of Transportation Bridge No. 44-212-  
090 McCook County

"1960" is deleted because the date lies outside the period of significance.

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National Park Service**

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Section number   3   Page   6  

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93001267 South Dakota Dept. of Transportation Bridge No. 50-200-  
035 Minnehaha County

"1935" is deleted because the date lies outside the period of significance which is based on the date of construction.

93001311 South Dakota Dept. of Transportation Bridge No. 56-117-  
123 Sanborn County

"1905" is deleted because the date lies outside the period of significance and does not appear to have particular importance.

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Melissa Dirr, architectural historian, of the South Dakota State Historic Preservation Office was notified of the above-mentioned amendments by telephone on December 09, 1993.

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**DISTRIBUTION:**

**National Register property file  
Nominating Authority (without nomination attachment)**

UNITED STATES DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES  
EVALUATION/RETURN SHEET

REQUESTED ACTION: NOMINATION

PROPERTY Old Cochrane Road Bridge  
NAME:

MULTIPLE Historic Bridges in South Dakota MPS  
NAME:

STATE & COUNTY: SOUTH DAKOTA, Deuel

DATE RECEIVED: 10/25/93 DATE OF PENDING LIST: 11/10/93  
DATE OF 16TH DAY: 11/26/93 DATE OF 45TH DAY: 12/09/93  
DATE OF WEEKLY LIST:

REFERENCE NUMBER: 93001268

NOMINATOR: STATE

REASONS FOR REVIEW:

APPEAL: N DATA PROBLEM: N LANDSCAPE: N LESS THAN 50 YEARS: N  
OTHER: N PDIL: N PERIOD: N PROGRAM UNAPPROVED: N  
REQUEST: N SAMPLE: N SLR DRAFT: Y NATIONAL: N

COMMENT WAIVER: N

ACCEPT  RETURN  REJECT DEC 9 1993 DATE

ABSTRACT/SUMMARY COMMENTS:

*SLR - State level sign*

RECOM./CRITERIA Accept C  
REVIEWER J. McClelland  
DISCIPLINE Hist  
DATE 12/9/93

DOCUMENTATION see attached comments Y/N see attached SLR Y/N

---

CLASSIFICATION

count       resource type

---

STATE/FEDERAL AGENCY CERTIFICATION

---

FUNCTION

historic       current

---

DESCRIPTION

architectural classification  
 materials  
 descriptive text

---

SIGNIFICANCE

Period      Areas of Significance--Check and justify below

Specific dates      Builder/Architect  
Statement of Significance (in one paragraph)

summary paragraph  
 completeness  
 clarity  
 applicable criteria  
 justification of areas checked  
 relating significance to the resource  
 context  
 relationship of integrity to significance  
 justification of exception  
 other

---

BIBLIOGRAPHY

---

GEOGRAPHICAL DATA

acreage       verbal boundary description  
 UTM's       boundary justification

---

ACCOMPANYING DOCUMENTATION/PRESENTATION

sketch maps       USGS maps       photographs       presentation

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OTHER COMMENTS

Questions concerning this nomination may be directed to

\_\_\_\_\_  
Phone \_\_\_\_\_

Signed \_\_\_\_\_

Date \_\_\_\_\_



Old Cochrane Road Bridge

Vicinity of Brandt, South Dakota

Jeffrey A. Hess

3/89

Renewable Technologies Inc., Butte, Montana

Site from road to northeast

LE/6011 38



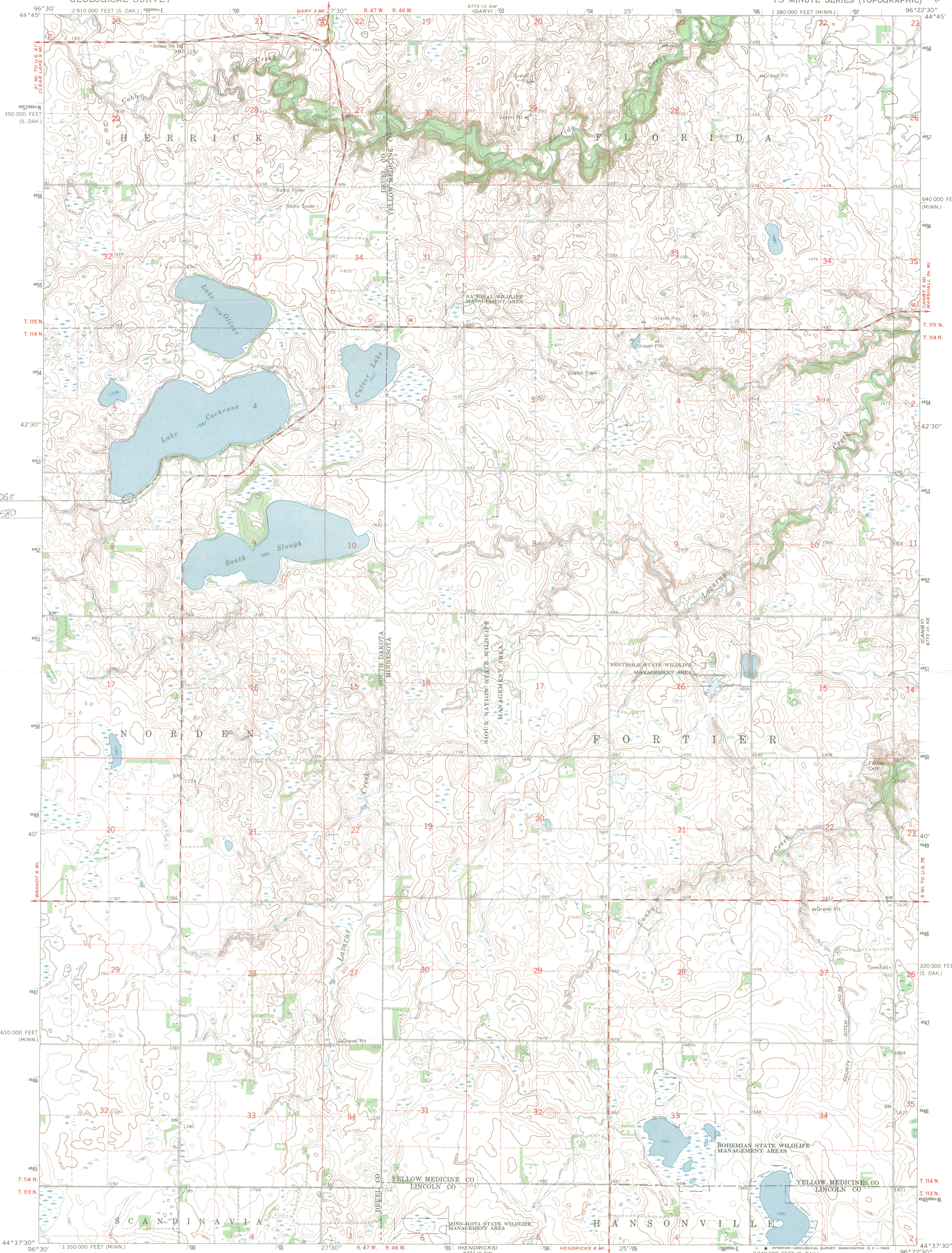
Old Cochran Road Bridge  
vicinity of Brandt, South Dakota

Jeffrey A. Hess

3/89

Renewable Technologies Inc., Butte, Montana  
East elevation to southwest

SS/601.88



old COCHRANE RD. BRIDGE  
UTMs 14-699050-4952580

Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography by photogrammetric methods from aerial photographs taken 1965. Field checked 1967  
Polyconic projection. 1927 North American datum 10,000-foot grids based on Minnesota coordinate system, south zone, and South Dakota coordinate system, north zone 1000-meter Universal Transverse Mercator grid ticks, zone 14, shown in blue  
Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs  
This information is unchecked

UTM GRID AND 1967 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24,000

CONTOUR INTERVAL 10 FEET  
DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION  
Medium-duty — Light-duty  
Unimproved dirt — State Route

QUADRANGLE LOCATION

CANBY NW, MINN. - S. DAK.  
N4437.5-W9622.5/7.5  
1967  
AMS 6773 III NW-SERIES V872

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20242  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST