

United States Department of the Interior
National Park Service

61-AR-10

For NPS use only

National Register of Historic Places
Inventory—Nomination Form

received

date entered

See instructions in *How to Complete National Register Forms*
Type all entries—complete applicable sections

1. Name

historic Jake's Branch of Middle Creek Bridge

and/or common Jake's Branch Bridge

2. Location

street & number Six miles south [FAS 1018] and two miles west of n/a not for publication
Louisburg

city, town Louisburg X vicinity of

state Kansas code 20 county Miami code 121

3. Classification

| Category | Ownership | Status | Present Use |
|---|---|---|--|
| <input type="checkbox"/> district | <input type="checkbox"/> public | <input type="checkbox"/> occupied | <input type="checkbox"/> agriculture |
| <input type="checkbox"/> building(s) | <input type="checkbox"/> private | <input checked="" type="checkbox"/> unoccupied | <input type="checkbox"/> commercial |
| <input checked="" type="checkbox"/> structure | <input type="checkbox"/> both | <input type="checkbox"/> work in progress | <input type="checkbox"/> educational |
| <input type="checkbox"/> site | Public Acquisition | Accessible | <input type="checkbox"/> entertainment |
| <input type="checkbox"/> object | <input type="checkbox"/> in process | <input type="checkbox"/> yes: restricted | <input type="checkbox"/> government |
| | <input type="checkbox"/> being considered | <input checked="" type="checkbox"/> yes: unrestricted | <input type="checkbox"/> industrial |
| | n/a | <input type="checkbox"/> no | <input type="checkbox"/> military |
| | | | <input type="checkbox"/> museum |
| | | | <input type="checkbox"/> park |
| | | | <input type="checkbox"/> private residence |
| | | | <input type="checkbox"/> religious |
| | | | <input checked="" type="checkbox"/> scientific |
| | | | <input checked="" type="checkbox"/> transportation |
| | | | <input type="checkbox"/> other: |

4. Owner of Property

name Miami County

street & number Miami County Courthouse

city, town Paola vicinity of state Kansas

5. Location of Legal Description

courthouse, registry of deeds, etc. Register of Deeds

street & number Miami County Courthouse

city, town Paola state Kansas

6. Representation in Existing Surveys

Survey of Historic Bridges--
title Kansas Dept. of Transportation has this property been determined eligible? ___ yes no

date 1980-83 ___ federal state ___ county ___ local

depository for survey records Kansas State Historical Society

city, town Topeka state Kansas

7. Description

Condition excellent good fair deteriorated ruins unexposed**Check one** unaltered altered**Check one** original site moved

date _____

Describe the present and original (if known) physical appearance

The reinforced concrete arch bridge spans Jake's Branch southwest of Louisburg, Kansas. It is 47 feet long and 13.5 feet wide curb to curb, and its deck lies 14 feet above the bed of the stream.

The bridge consists of a concrete arch reinforced by steel ribs which spring from and are disposed between reinforced concrete abutments. The concrete guard rails are incised with rectangles.

8. Significance

| Period | Areas of Significance—Check and justify below | | | |
|---|---|---|---|--|
| <input type="checkbox"/> prehistoric | <input type="checkbox"/> archeology-prehistoric | <input type="checkbox"/> community planning | <input type="checkbox"/> landscape architecture | <input type="checkbox"/> religion |
| <input type="checkbox"/> 1400-1499 | <input type="checkbox"/> archeology-historic | <input type="checkbox"/> conservation | <input type="checkbox"/> law | <input type="checkbox"/> science |
| <input type="checkbox"/> 1500-1599 | <input type="checkbox"/> agriculture | <input type="checkbox"/> economics | <input type="checkbox"/> literature | <input type="checkbox"/> sculpture |
| <input type="checkbox"/> 1600-1699 | <input type="checkbox"/> architecture | <input type="checkbox"/> education | <input type="checkbox"/> military | <input type="checkbox"/> social/ |
| <input type="checkbox"/> 1700-1799 | <input type="checkbox"/> art | <input checked="" type="checkbox"/> engineering | <input type="checkbox"/> music | <input type="checkbox"/> humanitarian |
| <input type="checkbox"/> 1800-1899 | <input type="checkbox"/> commerce | <input type="checkbox"/> exploration/settlement | <input type="checkbox"/> philosophy | <input type="checkbox"/> theater |
| <input checked="" type="checkbox"/> 1900- | <input type="checkbox"/> communications | <input type="checkbox"/> industry | <input type="checkbox"/> politics/government | <input checked="" type="checkbox"/> transportation |
| | | <input type="checkbox"/> invention | | <input type="checkbox"/> other (specify) |

Specific dates 1914 **Builder/Architect** Topeka Bridge & Iron

Statement of Significance (in one paragraph)

The Jake's Branch bridge retains its integrity of location, design, setting, materials, feeling and association. It embodies the distinctive characteristics of a type and method of construction no longer being used and may yield information important to the history of engineering.

Topeka Bridge and Iron was responsible for the construction of a great number of reinforced concrete bridges in Kansas. They employed both the designs developed by Daniel Luten of the National Bridge Company and were general agents for Luten's designs, as well as designs developed by Lloyd B. Smith of Topeka.

The company discontinued the fabrication of metal bridges in 1914, and progressively shifted their operation to concrete structures.

THIS STATEMENT REFLECTS CURRENT KNOWLEDGE AND IS SUBJECT TO CHANGE.

9. Major Bibliographical References

See attached.

10. Geographical Data

Acreage of nominated property Less than one acre

Quadrangle name Louisburg Quadrangle

Quadrangle scale 1:24,000

UTM References

A

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| Zone | | Easting | | | | Northing | | | | | | | | |

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| Zone | | Easting | | | | Northing | | | | | | | | |

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| Zone | | Easting | | | | Northing | | | | | | | | |

H

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| | | | | | | | | | | | | | | |
| Zone | | Easting | | | | Northing | | | | | | | | |

Verbal boundary description and justification

That property on and over which the bridge is built including bridge structure, abutments and piers. SE 1/4 S35-T17S-R24E

List all states and counties for properties overlapping state or county boundaries

state n/a code county code

state code county code

11. Form Prepared By

name/title Larry Jochims, Research Historian and Michael Snell

organization Kansas State Historical Society

date 2/20/85

street & number 120 W. Tenth

telephone (913) 296-2973

city or town Topeka

state Kansas

12. State Historic Preservation Officer Certification

The evaluated significance of this property within the state is:

national state local

As the designated State Historic Preservation Officer for the National Historic Preservation Act of 1966 (Public Law 89-665), I hereby nominate this property for inclusion in the National Register and certify that it has been evaluated according to the criteria and procedures set forth by the National Park Service.

State Historic Preservation Officer signature

title Executive Director, Kansas State Historical Society

date 3/4/85

For NPS use only

I hereby certify that this property is included in the National Register

date

Keeper of the National Register

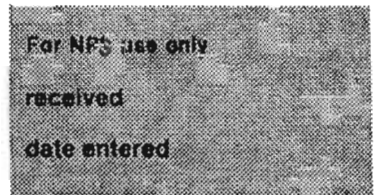
Attest:

date

Chief of Registration

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

**National Register of Historic Places
Inventory—Nomination Form**



Continuation sheet

Item number 9

Page 1

BIBLIOGRAPHY

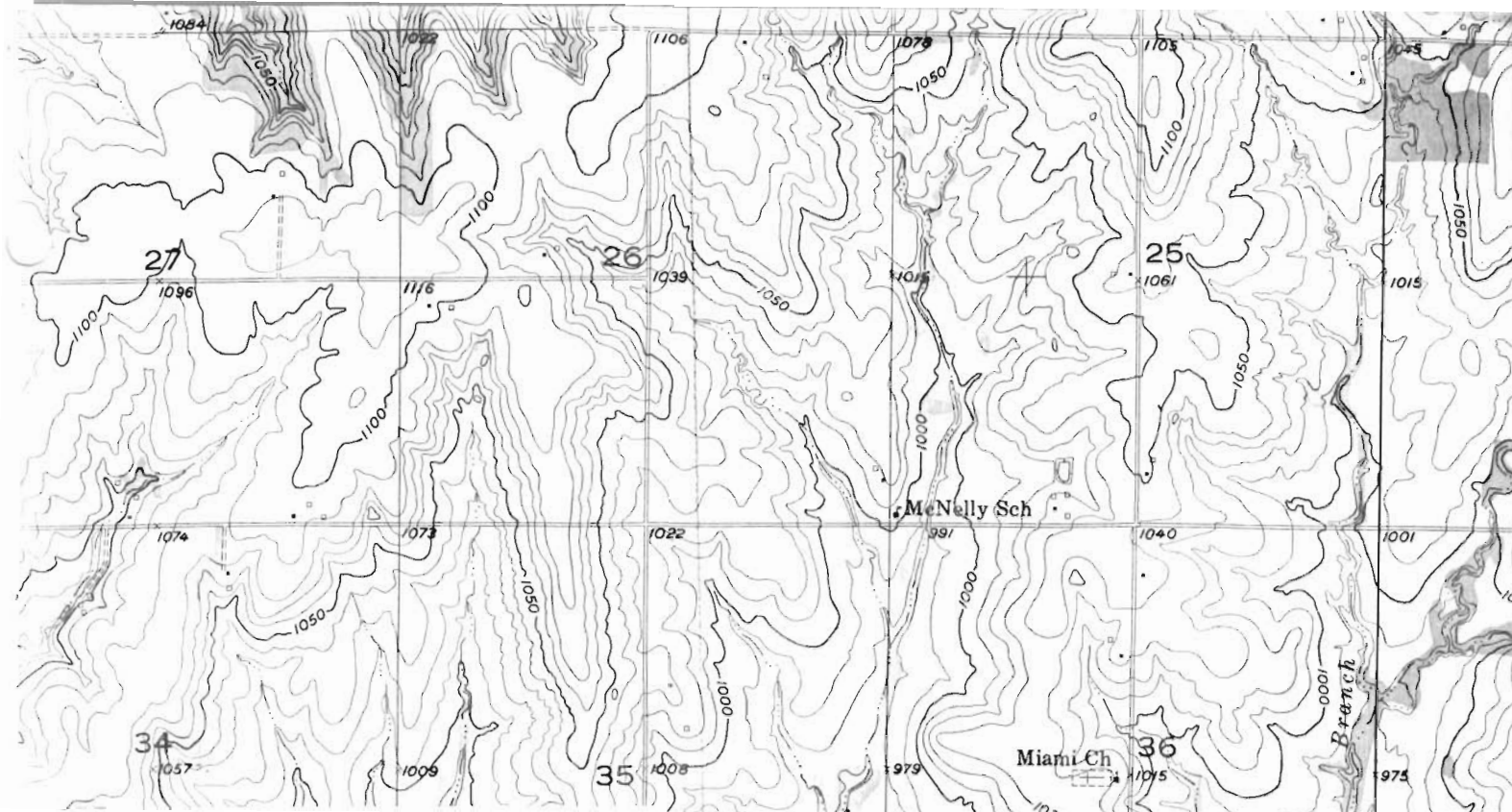
"L. B. Smith, 90 Civil Leader Dies," Topeka Capital, July 5, 1960.

"Lloyd B. Smith," Kansas Government Journal 29 (April 1943): 9.

"Lloyd B. Smith Dies at Topeka Home," Kansas Engineering Society Bulletin 10a (July-August 1960): 16.

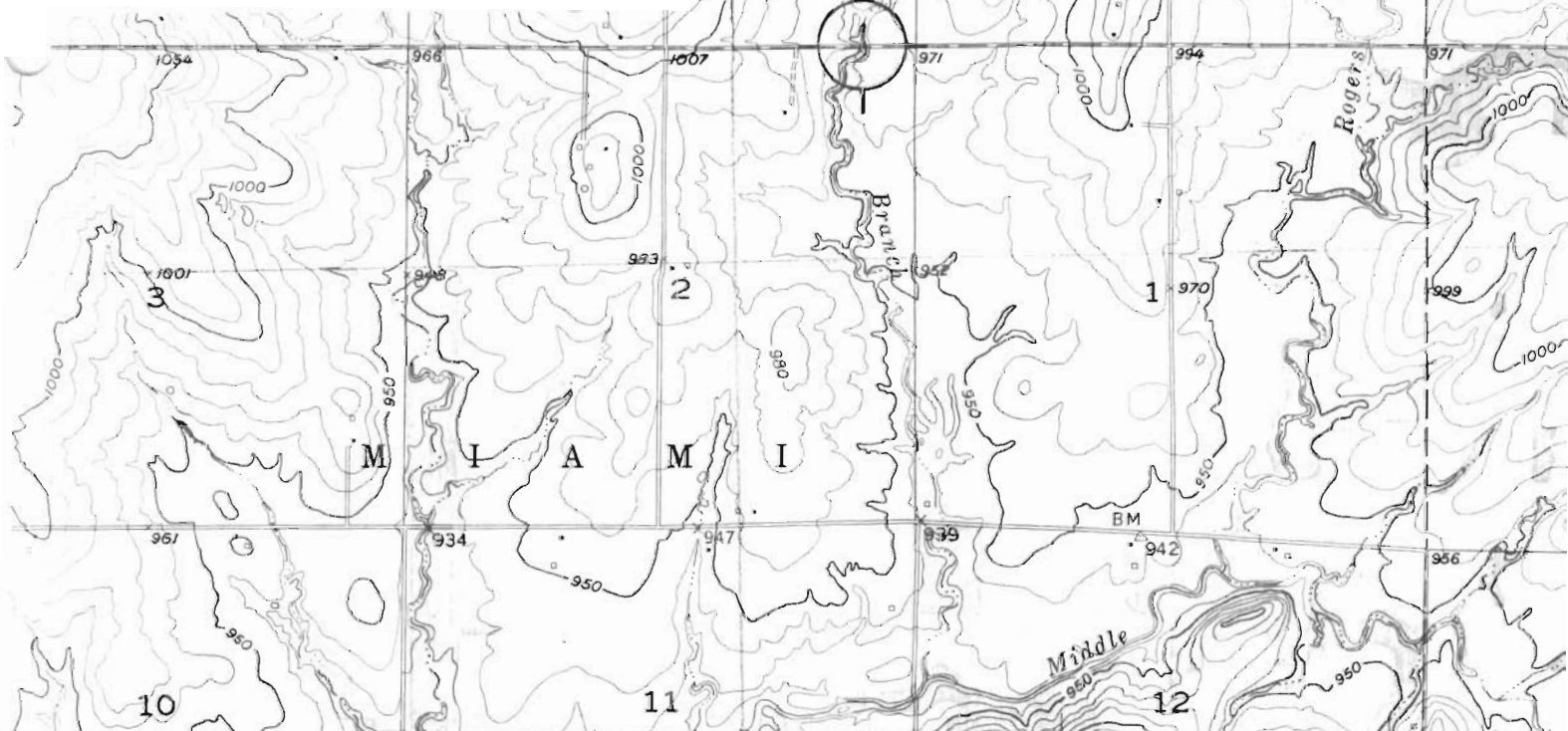
Walt Markley, "Lloyd B. Smith," Builders of Topeka, Topeka: Capper Printing Company, 1934.

Topeka Bridge and Iron Company, Reinforced Concrete Bridges Luten Patents, Daniel Luten, 1908.



Jake's Branch Bridge
Louisburg, Kansas

UTM Reference 15/350420/4264680



3 080 000 FEET

R. 24 E. 42'30"

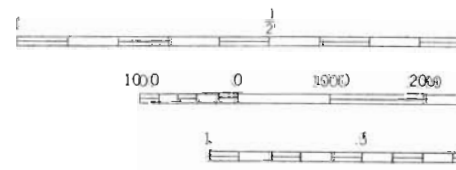
(NE)

... edited, and published by the Geological Survey
... eration with State of Kansas agencies

... GGS and USC&GS

... phy from aerial photographs by photogrammetric methods
... otographs taken 1947-1948. Field check 1957

... c projection. 1927 North American datum
... foot grid based on Kansas coordinate system, south zone
... ater Universal Transverse Mercator grid ticks,
... shown in blue



CONTOUR
DATUM

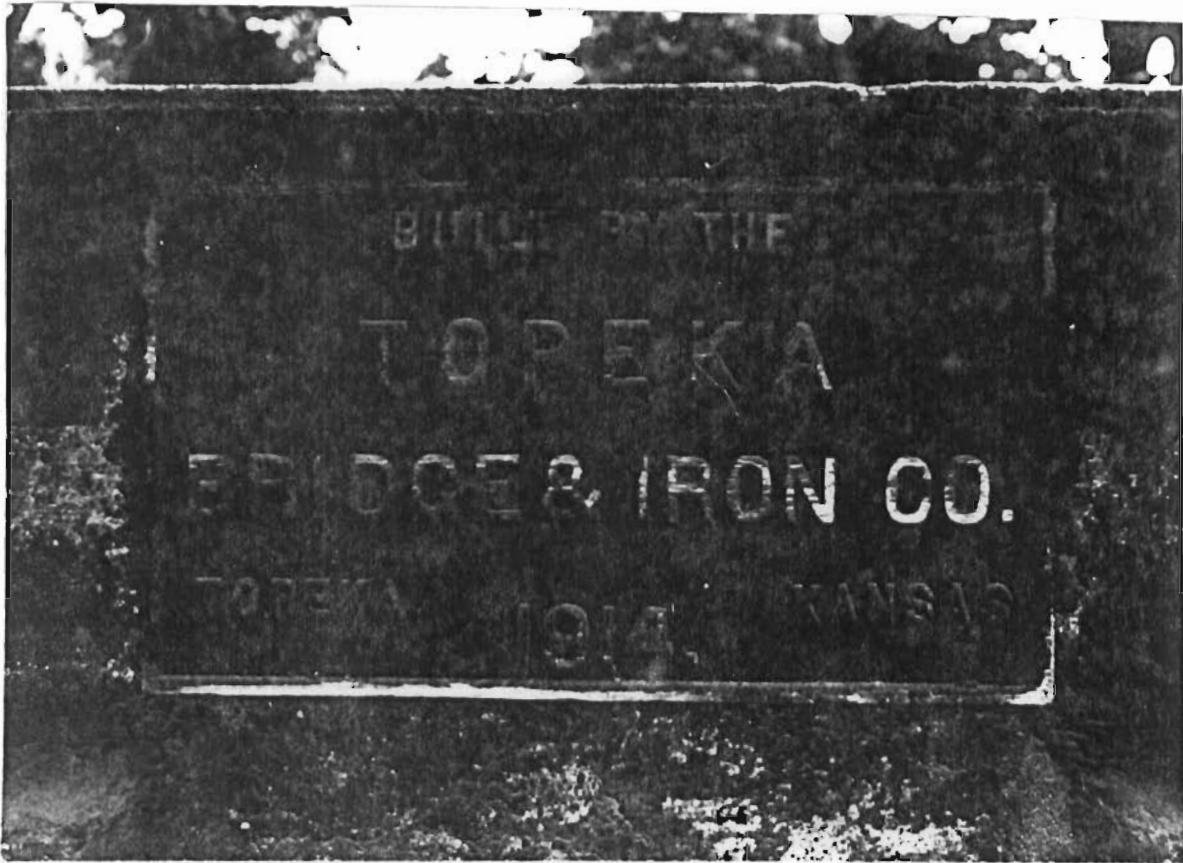
The following photographs were taken 7 miles south and 2 miles west of Louisburg, Kansas by Larry Jochims and Michael Snell on 10/22/84. Photograph negatives are located at the Kansas State Historical Society, Topeka, Kansas.



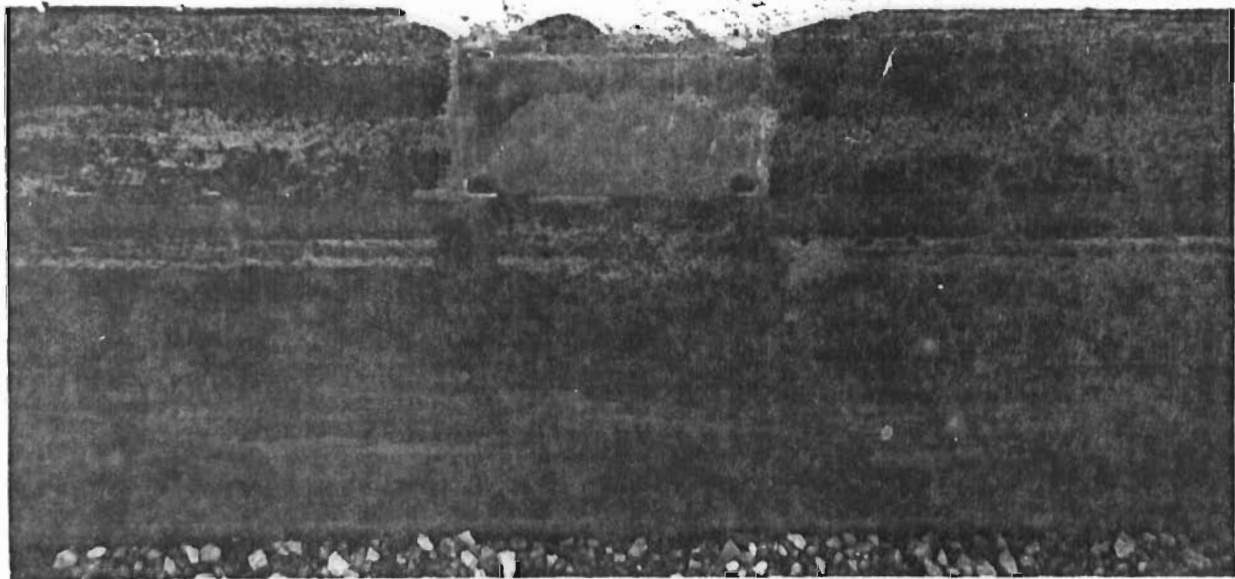
Jake's Branch Bridge. South side looking north.



Jake's Branch Bridge. West approach looking east.



Jake's Branch Bridge. 1982 KDOT photo of south railing plaque.



Jake's Branch Bridge. South railing plaque now missing.



Jake's Branch Bridge. East approach looking west.



Jake's Branch Bridge. Plaque on north railing.