

OMB NO. 1024-0018
EXP. 12/31/84

United States Department of the Interior
National Park Service

National Register of Historic Places
Inventory—Nomination Form

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

For NPS use only
received MAY 30 1983
date entered

1. Name

historic Hudgeon Bridge (Masonry Arch Bridges of KS TR)

and/or common Hudgeon Bridge

2. Location

street & number 10 miles south and 3.2 miles west of Girard not for publication

city, town Girard vicinity of congressional district

state Kansas code 20 county Crawford code 37

3. Classification

Category	Ownership	Status	Present Use
<input type="checkbox"/> district	<input checked="" type="checkbox"/> public	<input checked="" type="checkbox"/> occupied	<input type="checkbox"/> agriculture
<input type="checkbox"/> building(s)	<input type="checkbox"/> private	<input 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 type="checkbox"/> scientific
			<input checked="" type="checkbox"/> transportation
			<input type="checkbox"/> other:

4. Owner of Property

name Crawford County

street & number Crawford County Courthouse

city, town Girard N/A vicinity of state Kansas

5. Location of Legal Description

courthouse, registry of deeds, etc. Register of Deeds

street & number Crawford County Courthouse

city, town Girard state Kansas

6. Representation in Existing Surveys

title Inventory of Historic Bridges--
Kansas Department 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 Hudgeon bridge crosses Lime creek 10 miles south and 3.2 miles west of Girard, Kansas on a county road. The structure is 100 feet long and 19.8 feet wide curb to curb. The roadway was built approximately 17 feet above low water level. The structure is in excellent condition.

The single span bridge consists of a reinforced concrete arch ring which springs from and is disposed between two reinforced concrete abutments. Reinforced concrete spandrel walls rise from each side of the arch ring and are used to retain the earthen fill which loads the arch. This earth fill "loads" the arch, which allows for even distribution of the live loads and helps to strengthen the arch. The turned balusters of the railings are located on both sides of the roadway. The roadway is cantilevered by the use of brackets over the 10' wide arch ring.

6/27/70

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... ..
... ..

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/ humanitarian
<input type="checkbox"/> 1700–1799	<input type="checkbox"/> art	<input checked="" type="checkbox"/> engineering	<input type="checkbox"/> music	<input type="checkbox"/> theater
<input type="checkbox"/> 1800–1899	<input type="checkbox"/> commerce	<input type="checkbox"/> exploration/settlement	<input type="checkbox"/> philosophy	<input checked="" type="checkbox"/> transportation
<input checked="" type="checkbox"/> 1900–	<input type="checkbox"/> communications	<input type="checkbox"/> industry	<input type="checkbox"/> politics/government	<input type="checkbox"/> other (specify)
		<input type="checkbox"/> invention		

Specific dates 1923

Builder/Architect Topeka Bridge and Construction

Statement of Significance (in one paragraph)

The Hudgeon bridge 10 miles south and 3.2 miles west of Girard, Kansas 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, namely the construction of a roadway supported by a reinforced concrete arch ring which is loaded by an earthen fill which, in turn, is retained by reinforced concrete spandrel walls. This particular structure was built by the Topeka Bridge and Construction Company which was the area's agent for the Luten design of reinforced concrete bridges and may yield information important to the history of engineering.

The Crawford County Commissioner's Journal for January 3, 1923 shows the letting of the contract for the Hudgeon Bridge to the Topeka Bridge and Construction Company for \$8,794.50. The bridge was to be completed by July 1, 1923.

THIS STATEMENT REFLECTS CURRENT KNOWLEDGE AND IS SUBJECT TO CHANGE.

9. Major Bibliographical References

See continuation sheet, item #9.

10. Geographical Data

Acreeage of nominated property less than one acre

Quadrangle name West Mineral, Kans.

Quadrangle scale 1:24,000

UMT References

A

1	5	3	3	1	8	15	10	4	11	3	17	2	18	10
Zone			Easting					Northing						

B

Zone			Easting					Northing						

C

Zone			Easting					Northing						

D

Zone			Easting					Northing						

E

Zone			Easting					Northing						

F

Zone			Easting					Northing						

G

Zone			Easting					Northing						

H

Zone			Easting					Northing						

Verbal boundary description and justification

That property on and over which the bridge is built, 10 miles south and 3.2 miles west of Girard, Kansas. SW $\frac{1}{4}$ S4 T31S R23E. Includes bridge superstructure and supporting piers and abutments.

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

state	code	county	code
N/A			

state	code	county	code
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11. Form Prepared By

name/title Larry Jochims, Research Historian and Michael Snell

organization Kansas State Historical Society

date 2/20/85

street & number 10th and Jackson Streets

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

Bill Groves

date 1/2/85

Keeper of the National Register

Attest:

date

Chief of Registration

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

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Continuation sheet

Item number 9

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9. Bibliography

"Legal Notices," Pittsburg Sun, May 17, 1923.

"Legal Notices," Pittsburg Sun, May 24, 1923, p. 5.

"Legal Notices," Pittsburg Sun, June 14, 1923, p. 4.

Crawford County Commissioner's Journal, Volume S, December 12, 1922, page 438, located at
Crawford County Courthouses, Girard, Kansas.

Plans and Files, Design Department, Kansas Department of Transportation, Topeka, Kansas,
Microfilm Roll #16, Frame 544+.