

SITE FILE COPY

Form 10-300
(July 1969)

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES INVENTORY - NOMINATION FORM

(Type all entries - complete applicable sections)

STATE: Missouri	
COUNTY: Cape Girardeau	
FOR NPS USE ONLY	
ENTRY NUMBER	DATE

1. NAME

COMMON:
Burfordville Covered Bridge

AND/OR HISTORIC:

2. LOCATION

STREET AND NUMBER: 7 miles west of Jackson, Missouri, on Highway 34 to eastern edge of Burfordville on Route HH

CITY OR TOWN:

Township 31N - Range 11E - Survey No. 808

STATE Missouri	CODE 63739	COUNTY: Cape Girardeau	CODE 031
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3. CLASSIFICATION

CATEGORY (Check One)	OWNERSHIP	STATUS	ACCESSIBLE TO THE PUBLIC
<input type="checkbox"/> District <input checked="" type="checkbox"/> Building <input type="checkbox"/> Site <input checked="" type="checkbox"/> Structure <input type="checkbox"/> Object	<input checked="" type="checkbox"/> Public <input type="checkbox"/> Private <input type="checkbox"/> Both	Public Acquisition: <input type="checkbox"/> In Process <input type="checkbox"/> Being Considered	<input type="checkbox"/> Occupied <input checked="" type="checkbox"/> Unoccupied <input type="checkbox"/> Preservation work in progress
PRESENT USE (Check One or More as Appropriate)			
<input type="checkbox"/> Agricultural <input type="checkbox"/> Commercial <input type="checkbox"/> Educational <input type="checkbox"/> Entertainment	<input type="checkbox"/> Government <input type="checkbox"/> Industrial <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 (Specify) _____ _____ _____
		<input type="checkbox"/> Comments _____ _____ _____	

4. OWNER OF PROPERTY

OWNER'S NAME:
Missouri State Highway Commission

STREET AND NUMBER:
Highway Building

CITY OR TOWN: Jefferson City

STATE: Missouri	CODE 65101
	24

5. LOCATION OF LEGAL DESCRIPTION

COURTHOUSE, REGISTRY OF DEEDS, ETC.:
Office of the Recorder of Deeds, Cape Girardeau County Courthouse

STREET AND NUMBER:

CITY OR TOWN: Jackson

STATE: Missouri	CODE 63755
	24

6. REPRESENTATION IN EXISTING SURVEYS

TITLE OF SURVEY:
Missouri Historic Sites Catalogue

DATE OF SURVEY: 1963 Federal State County Local

DEPOSITORY FOR SURVEY RECORDS:
State Historical Society of Missouri

STREET AND NUMBER:
Corner, Hitt and Lowry streets

CITY OR TOWN: Columbia

STATE: Missouri	CODE 65201
	24

SEE INSTRUCTIONS

STATE: Missouri	COUNTY: Cape Girardeau	ENTRY NUMBER	DATE

FOR NPS USE ONLY

NATIONAL REGISTER OF HISTORIC PLACES
INVENTORY - NOMINATION FORM

(Continuation Sheet)

STATE	
Missouri	
COUNTY	
Cape Girardeau	
FOR NPS USE ONLY	
ENTRY NUMBER	DATE

(Number all entries)

6.

BURFORDVILLE COVERED BRIDGE

Missouri State Historical Survey (state)

1970

Missouri State Park Board

P.O. Box 176

1204 Jefferson Building

Jefferson City, Missouri 65101 Code: 24

7. DESCRIPTION

CONDITION	(Check One)					
	<input checked="" type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Deteriorated	<input type="checkbox"/> Ruins	<input type="checkbox"/> Unexposed
	(Check One)			(Check One)		
	<input checked="" type="checkbox"/> Altered	<input type="checkbox"/> Unaltered	<input type="checkbox"/> Moved	<input checked="" type="checkbox"/> Original Site		

DESCRIBE THE PRESENT AND ORIGINAL (if known) PHYSICAL APPEARANCE

The Burfordville covered bridge is located at the eastern edge of Burfordville on Route HH, a spur off highway No. 34. The bridge spans the Whitewater River, supported entirely by two stone abutments. The bridge is 140' long and 16'6" wide, with an east-west orientation. Restoration was completed in 1950 by the Missouri State Highway Department.

The rectangular structure above the bridge floor was originally of yellow poplar. During restoration original structural members were left intact. Replacement lumber of pressure treated Douglas fir was used for siding, battens, joists and approaches. The original roofing material of the ridge roof has been replaced with corrugated galvanized metal.

At either end of the bridge are spacious portals. The floor of the bridge projects beyond the housing structure to form a short uncovered bridge spanning a depression between the abutment and the road. Wooden guard railings are on either side of the approach.

Inside the bridge there are no enclosures and diagonal cross timbers and vertical iron bars, characteristic of Howe truss construction are visible. The structural technique of dovetailing and mortising renders the bridge self-supporting. The trusses are held in vertical position by cross bracing overhead.

SEE INSTRUCTIONS

8. SIGNIFICANCE

PERIOD (Check One or More as Appropriate)

- | | | | |
|--|---------------------------------------|--|---------------------------------------|
| <input type="checkbox"/> Pre-Columbian | <input type="checkbox"/> 16th Century | <input type="checkbox"/> 18th Century | <input type="checkbox"/> 20th Century |
| <input type="checkbox"/> 15th Century | <input type="checkbox"/> 17th Century | <input checked="" type="checkbox"/> 19th Century | |

SPECIFIC DATE(S) (If Applicable and Known)

AREAS OF SIGNIFICANCE (Check One or More as Appropriate)

- | | | | |
|---|---|--|--|
| <input type="checkbox"/> Aboriginal | <input type="checkbox"/> Education | <input type="checkbox"/> Political | <input type="checkbox"/> Urban Planning |
| <input type="checkbox"/> Prehistoric | <input checked="" type="checkbox"/> Engineering | <input type="checkbox"/> Religion/Philosophy | <input type="checkbox"/> Other (Specify) |
| <input type="checkbox"/> Historic | <input type="checkbox"/> Industry | <input type="checkbox"/> Science | _____ |
| <input type="checkbox"/> Agriculture | <input type="checkbox"/> Invention | <input type="checkbox"/> Sculpture | _____ |
| <input type="checkbox"/> Architecture | <input type="checkbox"/> Landscape Architecture | <input type="checkbox"/> Social/Humanitarian | _____ |
| <input type="checkbox"/> Art | <input type="checkbox"/> Literature | <input type="checkbox"/> Theater | _____ |
| <input type="checkbox"/> Commerce | <input type="checkbox"/> Military | <input checked="" type="checkbox"/> Transportation | _____ |
| <input type="checkbox"/> Communications | <input type="checkbox"/> Music | | _____ |
| <input type="checkbox"/> Conservation | | | _____ |

STATEMENT OF SIGNIFICANCE

The Burfordville Covered Bridge is primarily significant as one of only four surviving covered bridges in Missouri. It has further significance as one of three covered bridges in Missouri employing the Howe truss in its construction.

The Burfordville Covered Bridge spans the Whitewater River adjacent to the Bollinger Mill. Most of the covered bridges constructed in Missouri were built under the auspices of the county court. Although the bridge has the date 1858 carved into one of the stone abutments, careful checking of the county court records from 1850 through 1900 has failed to uncover any mention of the bridge. It is probable that the bridge was constructed by a private road company which operated a toll road between Jackson and Burfordville, Missouri.

The contractor for the bridge followed the construction plans of William Howe of Massachusetts who patented his bridge truss in 1840. Howe revised the popular kingpost truss, which was composed entirely of wood and consisted of an upright center post (kingpost) framed into a triangle by two diagonals and a bottom chord. (see photograph) (Dorothy J. Caldwell, "Missouri's Covered Bridges," Missouri Historical Review, 61:231, January 1967.) Howe combined the use of wood and metal in his truss: wood for the diagonal braces, the upper and lower chords and the end posts; iron rods for the kingposts. (Kramer Adams, Covered Bridges of the West, 1963, p. 30, and Caldwell, January 1967, p. 232.) These vertical iron tension rods were secured to the upper and lower chords by means of nuts and washers. These could be tightened at any time to remove the saggings of old age. (Adams, 1963, p. 30.) The Howe truss was employed more than any other bridge type because it was economical, simple to construct and durable.

The covered bridge movement began in the eastern United States and migrated westward in the 1800's with the shifting frontier. Constructed almost entirely of wood using simple tools, these bridges

SEE INSTRUCTIONS

NATIONAL REGISTER OF HISTORIC PLACES
INVENTORY - NOMINATION FORM

(Continuation Sheet)

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Missouri	
COUNTY	
Cape Girardeau	
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(Number all entries)

8.

BURFORDVILLE COVERED BRIDGE

proved very economical and practical in the forested areas of the United States. The bridges opened up easier lines of transportation and communication in states where streams and rivers were prevalent.

Pioneer builders covered the bridges with a roof and siding just as they "covered" their houses and barns. The roof protected the timber construction from extremes in temperature and kept the bridge floor free from the elements. Many bridges had a barn-like appearance in order to coax skittish horses and farm animals across rushing streams and rivers. (Eric Sloane, American Barns and Covered Bridges, 1954, p. 85.)

Thousands of covered bridges were built in the United States, mainly during the 1800's but floods, fire, vandalism and age have destroyed the majority of them.

The Burfordville Covered Bridge is owned and maintained by the Missouri State Highway Commission. The other three surviving bridges are: Locust Creek Covered Bridge in Linn County, Union Covered Bridge in Monroe County, and Sandy Creek Covered Bridge in Jefferson County.

9. MAJOR BIBLIOGRAPHICAL REFERENCES

1. Adams, Kramer. Covered Bridges of the West. Berkeley: Howell-North, 1963.
2. Caldwell, Dorothy J. "Missouri's Covered Bridges," Missouri Historical Review, 61:229-236, January 1967.
3. Sloane, Eric. American Barns and Covered Bridges. New York: Wilfred Funk, 1954.

10. GEOGRAPHICAL DATA

LATITUDE AND LONGITUDE COORDINATES DEFINING A RECTANGLE LOCATING THE PROPERTY			O R	LATITUDE AND LONGITUDE COORDINATES DEFINING THE CENTER POINT OF A PROPERTY OF LESS THAN TEN ACRES		
CORNER	LATITUDE	LONGITUDE		LATITUDE	LONGITUDE	
	Degrees Minutes Seconds	Degrees Minutes Seconds		Degrees	Minutes	Seconds
NW	° ' "	° ' "		37°	22'	02"
NE	° ' "	° ' "		89°	48'	09"
SE	° ' "	° ' "				
SW	° ' "	° ' "				

APPROXIMATE ACREAGE OF NOMINATED PROPERTY: less than ten

LIST ALL STATES AND COUNTIES FOR PROPERTIES OVERLAPPING STATE OR COUNTY BOUNDARIES

STATE:	CODE	COUNTY	CODE
STATE:	CODE	COUNTY:	CODE
STATE:	CODE	COUNTY:	CODE
STATE:	CODE	COUNTY:	CODE

11. FORM PREPARED BY

NAME AND TITLE: Charla A. Piggott, Research Historian

ORGANIZATION: Missouri State Park Board DATE: March 5, 1970
State Historical Survey and Planning Office

STREET AND NUMBER: P.O. Box 176, 1204 Jefferson Building

CITY OR TOWN: Jefferson City STATE: Missouri 65101 CODE: 24

12. STATE LIAISON OFFICER CERTIFICATION

NATIONAL REGISTER VERIFICATION

As the designated State Liaison 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. The recommended level of significance of this nomination is:

National State Local

Name Joseph Jaeger, Jr.

Title Director, Missouri State Park Board, and Missouri State Liaison Officer

Date _____

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

 Chief, Office of Archeology and Historic Preservation

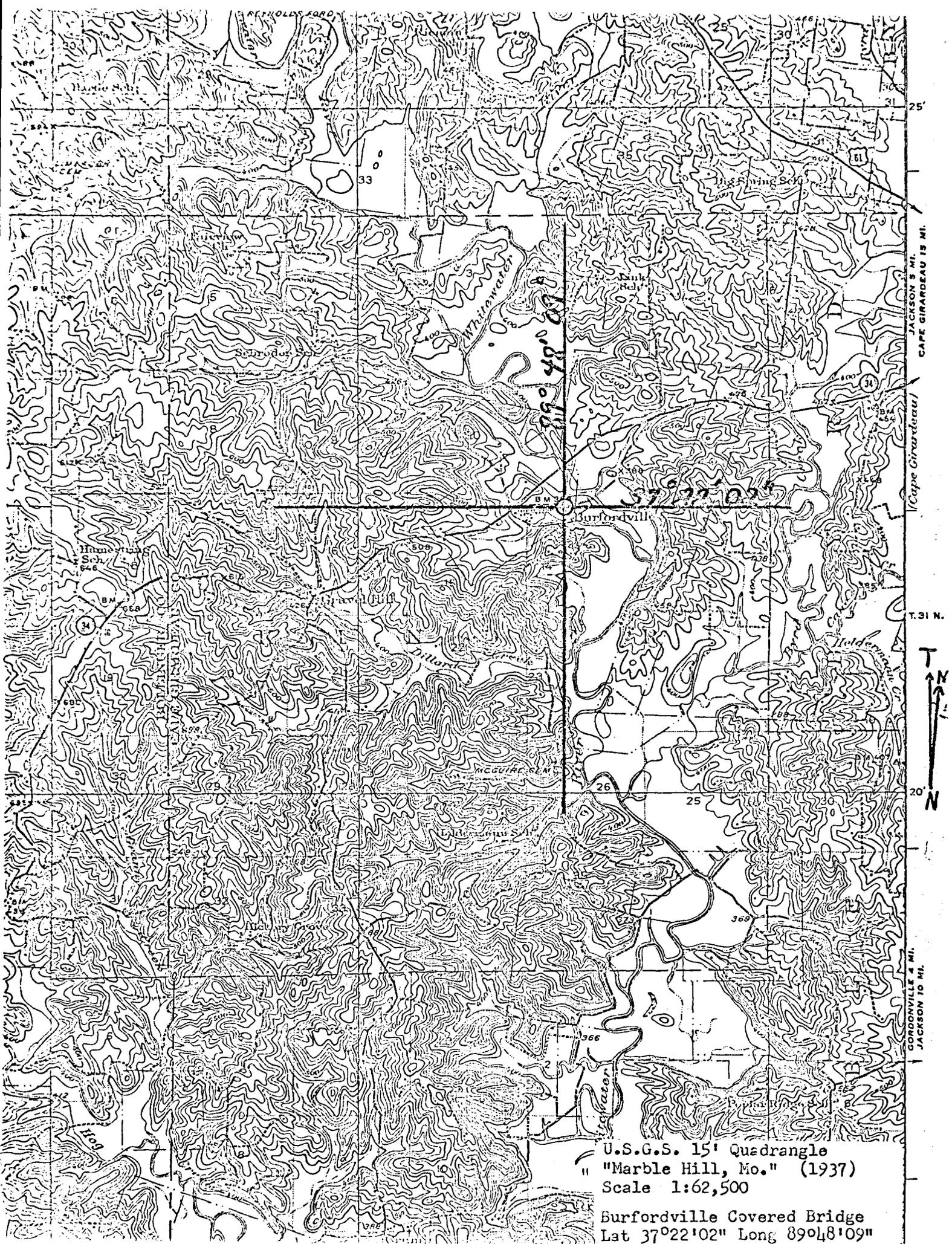
Date _____

ATTEST:

 Keeper of The National Register

Date _____

SEE INSTRUCTIONS



U.S.G.S. 15' Quadrangle
"Marble Hill, Mo." (1937)
Scale 1:62,500

Burfordville Covered Bridge
Lat 37°22'02" Long 89°48'09"

Form 10-301
(Dec. 1968)

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES

PROPERTY MAP FORM

(Type all entries - attach to or enclose with map)

STATE	Missouri
COUNTY	Cape Girardeau
FOR NPS USE ONLY	
ENTRY NUMBER	DATE

1. NAME

COMMON: Burfordville Covered Bridge
AND/OR HISTORIC:

2. LOCATION

STREET AND NUMBER: 7 miles west of Jackson, Missouri, on Highway 34 to eastern edge of Burfordville on Route HH
CITY OR TOWN: Township 31N - Range 11E - Survey No. 808

STATE: Missouri

CODE 24
COUNTY: Cape Girardeau

CODE 031

3. MAP REFERENCE

SOURCE:

U.S.G.S. 15' Quadrangle "Marble Hill, Mo."

SCALE: 1:62,500

DATE: 1977

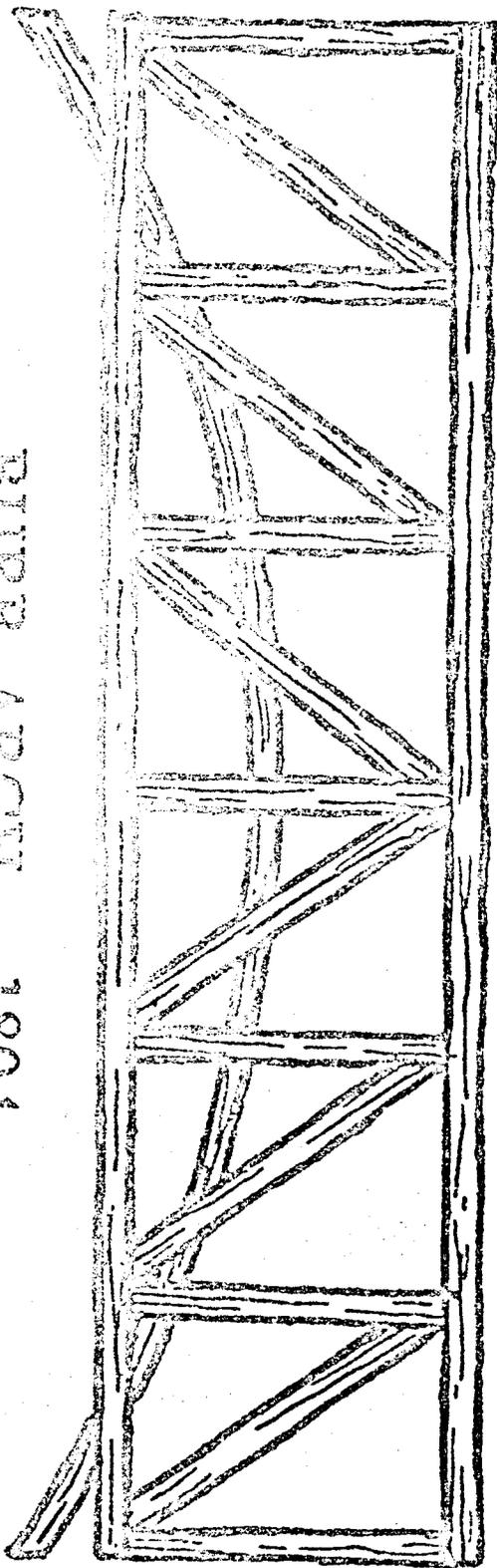
4. REQUIREMENTS

TO BE INCLUDED ON ALL MAPS

1. Property boundaries where required.
2. North arrow.
3. Latitude and longitude reference.

SEE INSTRUCTIONS

BURR ARCH - 1804



UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES
PROPERTY PHOTOGRAPH FORM

(Type all entries - attach to or enclose with photograph)

STATE	Missouri
COUNTY	Cape Girardeau
FOR NPS USE ONLY -	
ENTRY NUMBER	DATE

1. NAME

COMMON: Burfordville Covered Bridge

AND/OR HISTORIC:

2. LOCATION

STREET AND NUMBER: 7 miles west of Jackson, Missouri, on Highway 34 to eastern

edge of Burfordville on Route HH

CITY OR TOWN:

Township 31N - Range 11E - Survey No. 808

STATE:

Missouri

CODE	COUNTY:
<u>24</u>	<u>Cape Girardeau</u>

CODE
<u>031</u>

3. PHOTO REFERENCE

PHOTO CREDIT: Photocopy by Martha L. Kusiak, Missouri State Park Board

DATE OF PHOTO: 1963 from Covered Bridges of the West (p. 30) by Kramer Adams

NEGATIVE FILED AT: Missouri State Park Board, P.O. Box 176

1204 Jefferson Building, Jefferson City, Missouri 65101

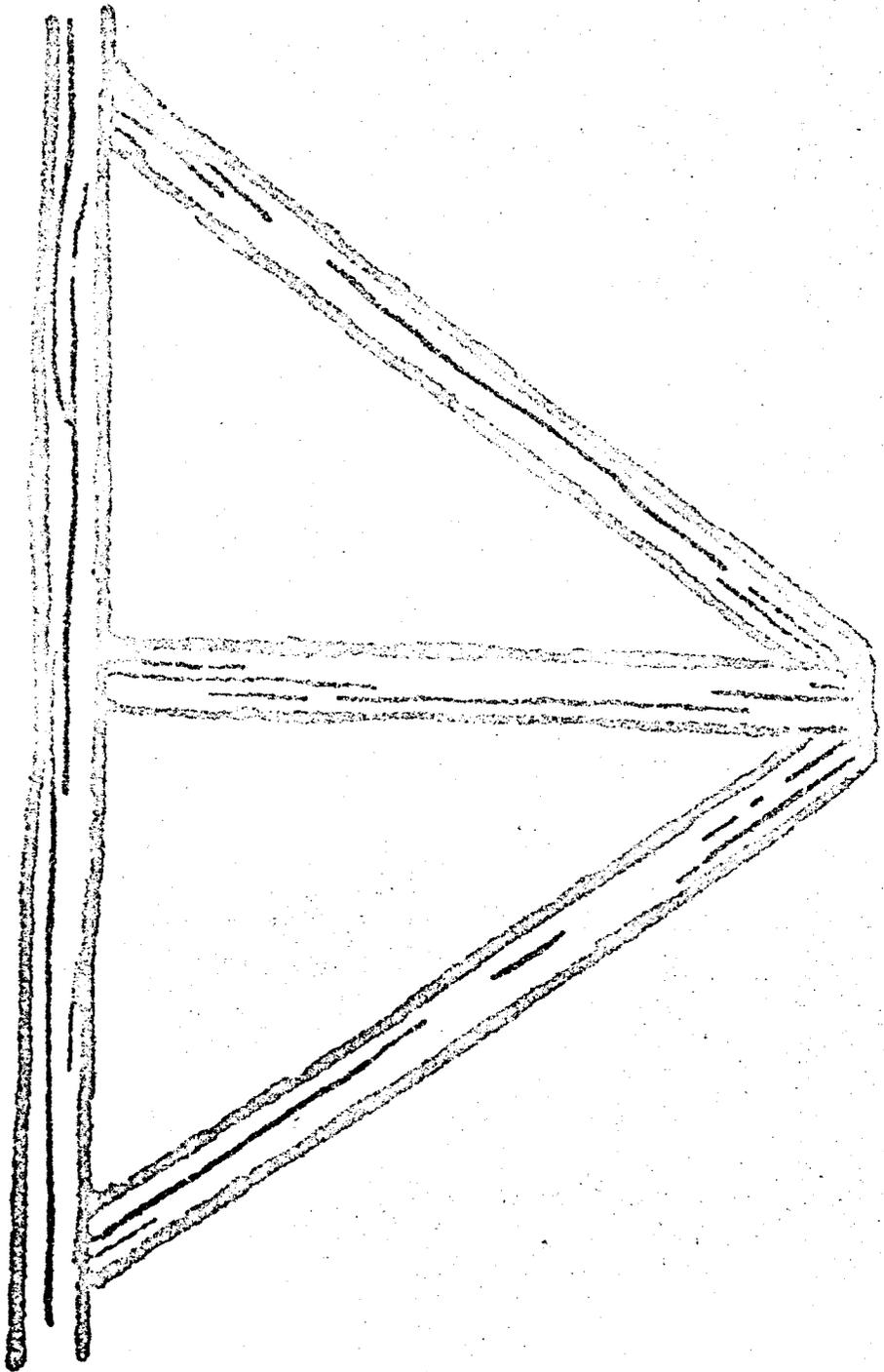
4. IDENTIFICATION

DESCRIBE VIEW, DIRECTION, ETC.

Illustration of the "Burr-arch" truss.

SEE INSTRUCTIONS

KINGPOST - 1570



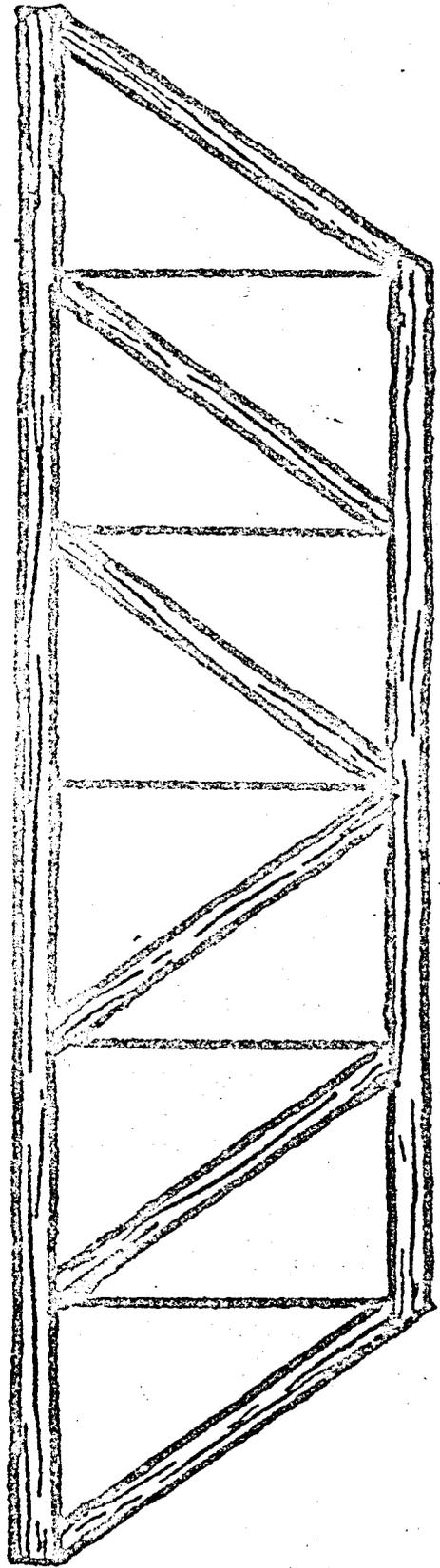
SEE INSTRUCTIONS

UNITED STATES DEPARTMENT OF THE INTERIOR
 NATIONAL PARK SERVICE
NATIONAL REGISTER OF HISTORIC PLACES
PROPERTY PHOTOGRAPH FORM

(Type all entries - attach to or enclose with photograph)

1. NAME		STATE	MISSOURI
COMMON: Burrfordville Covered Bridge		COUNTY	Cape Girardeau
AND/OR HISTORIC:		FOR NPS USE ONLY	
2. LOCATION		ENTRY NUMBER	DATE
STREET AND NUMBER: 7 miles west of Jackson, Missouri, on Highway 34 to eastern edge of Burrfordville on Route HH			
CITY OR TOWN: Township 31N - Range 11E - Survey No. 808			
STATE: Missouri		CODE	071
3. PHOTO REFERENCE		COUNTY:	Cape Girardeau
PHOTO CREDIT: Photocopy by Martha L. Kusiak, Missouri State Park Board			
DATE OF PHOTO: 1963 from Covered Bridges of the West (p. 30) by Kramer Adams			
NEGATIVE FILED AT: Missouri State Park Board, P.O. Box 176			
1204 Jefferson Building, Jefferson City, Missouri 65101			
4. IDENTIFICATION			
DESCRIBE VIEW, DIRECTION, ETC.			

Illustration of the Kingpost truss.



HOWE - 1840

UNITED STATES DEPARTMENT OF THE INTERIOR
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COUNTY	Cape Girardeau
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Township 31N - Range 11E - Survey No. 808

STATE:

Missouri

CODE	COUNTY:
24	Cape Girardeau

CODE
071

3. PHOTO REFERENCE

PHOTO CREDIT: Photocopy by Martha L. Kusiak, Missouri State Park Board

DATE OF PHOTO: 1963 from Covered Bridges of the West (p. 30) by Kramer Adams

NEGATIVE FILED AT: Missouri State Park Board, P.O. Box 176

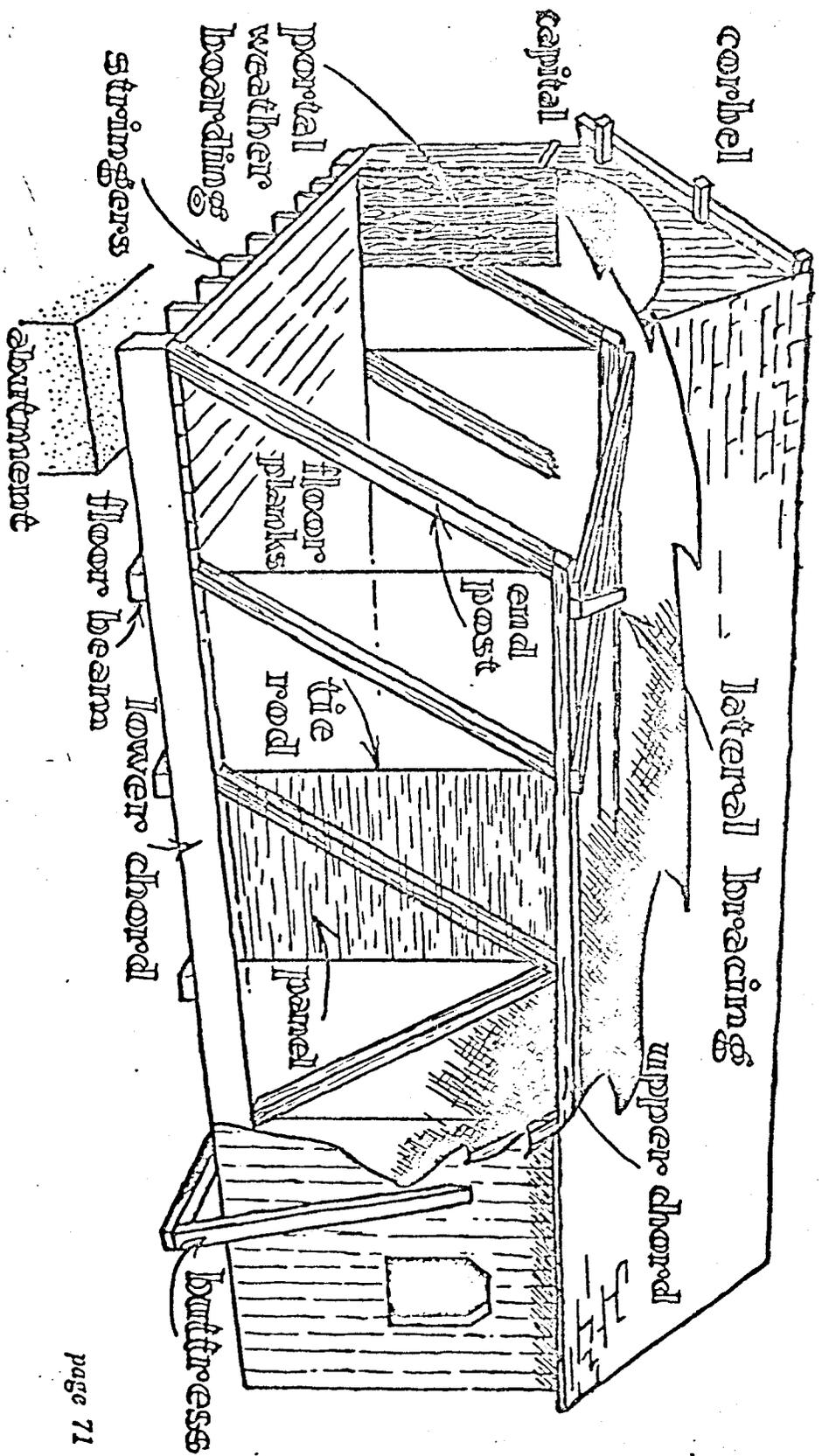
1204 Jefferson Building, Jefferson City, Missouri 65101

4. IDENTIFICATION

DESCRIBE VIEW, DIRECTION, ETC.

Illustration of the Howe truss.

SEE INSTRUCTIONS



SEE INSTRUCTIONS

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES
PROPERTY PHOTOGRAPH FORM

(Type all entries - attach to or enclose with photograph)

1. NAME		STATE	
COMMON: Burfordville Covered Bridge		Missouri	
AND/OR HISTORIC:		COUNTY	
2. LOCATION		Cape Girardeau	
STREET AND NUMBER: 7 miles west of Jackson, Missouri, on Highway 34 to eastern edge of Burfordville on Route HH		FOR NPS USE ONLY	
CITY OR TOWN:		ENTRY NUMBER	DATE
STATE: Missouri			
TOWNSHIP: Township 31N - Range 11E - Survey No. 808			
3. PHOTO REFERENCE		CODE	031
PHOTO CREDIT: Photocopy by Martha L. Kusiak, Missouri State Park Board		COUNTY:	
DATE OF PHOTO: 1963 from Covered Bridges of the West (p. 31) by Kramer Adams			
NEGATIVE FILED AT: Missouri State Park Board, P.O. Box 176			
1204 Jefferson Building, Jefferson City, Missouri 65101			
4. IDENTIFICATION			
DESCRIBE VIEW, DIRECTION, ETC.			
Diagram of a covered bridge.			

MISSOURI COVERED BRIDGE

COUNTY

Cape Girardeau

LOCATION

7 mi. W. of Jackson on Hwy. 34 to eastern edge of Burfordville on Rt. 111

OWNER ADDRESS

Missouri State Park Board
P.O. Box 176, 1204 Jefferson Building,
Jefferson City, Mo. 65101

DATE APPROVED BY A.C.C.

03-21-70

DATE SENT TO DEPT. CIVIL

04-03-70

DATE SENT TO D.C.C.

04-06-70

DATE OF REG. IN D.C.C.

04-08-70

DATE PLACED ON NATIONAL REGISTER

05-19-70

DATE CERTIFICATE AWARDED (AND PRESENTOR)

DATE FEE RECEIVED

UNITED STATES DEPARTMENT OF THE INTERIOR
 NATIONAL PARK SERVICE
NATIONAL REGISTER OF HISTORIC PLACES
PROPERTY PHOTOGRAPH FORM

(Type all entries - attach to or enclose with photograph)

STATE Missouri	ENTRY NUMBER
COUNTY Cape Girardeau	DATE
FOR NPS USE ONLY	

1. NAME
 COMMON: Burfordville Covered Bridge
 AND/OR HISTORIC:

2. LOCATION
 STREET AND NUMBER: 7 miles west of Jackson, Missouri, on Highway 34 to eastern edge of Burfordville on Route HH
 CITY OR TOWN:

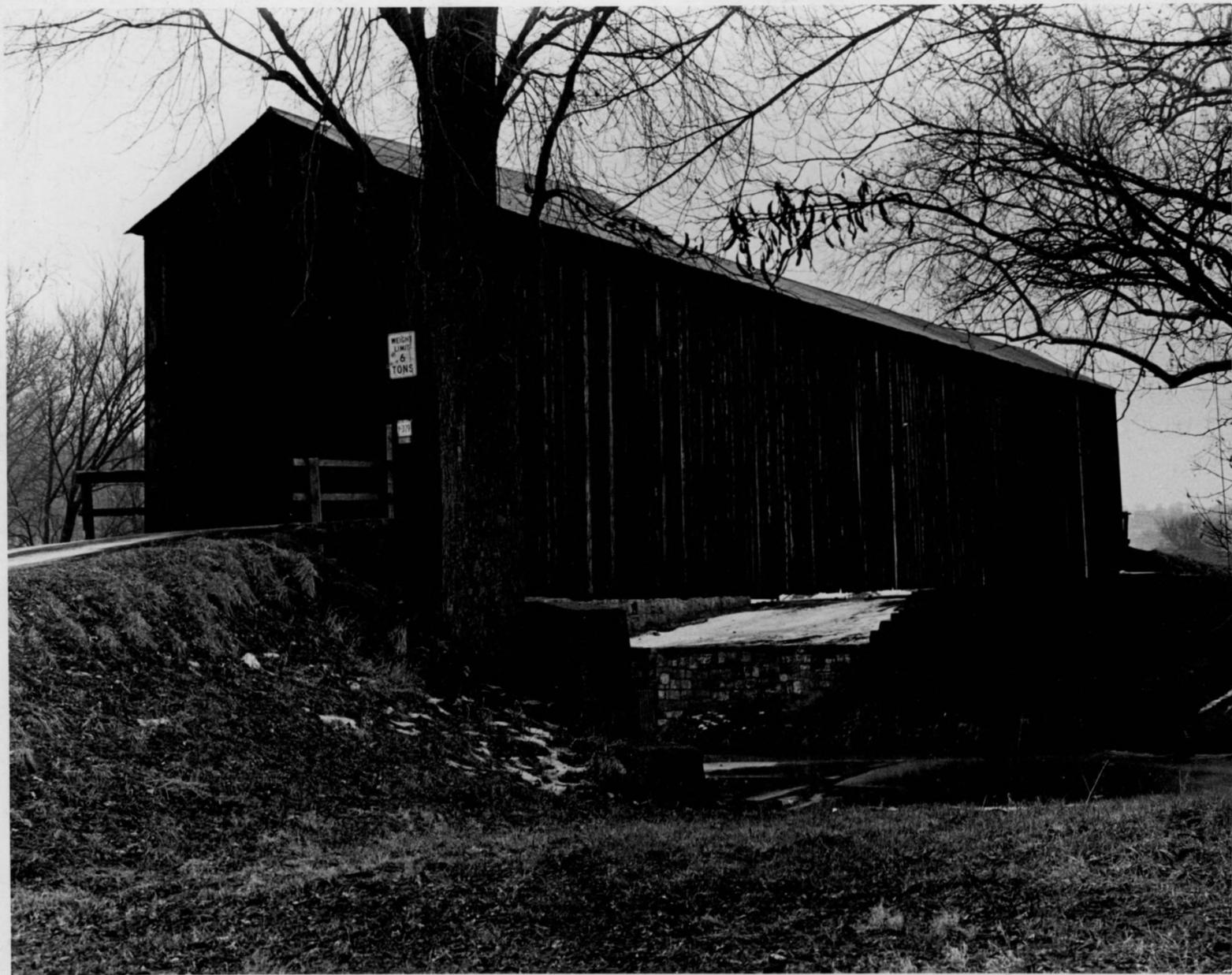
STATE: Missouri

CODE 24	COUNTY: Cape Girardeau
	CODE 031

3. PHOTO REFERENCE
 PHOTO CREDIT: Ron Walker, State Historical Survey, Missouri State Park Board
 DATE OF PHOTO: January 25, 1970 8:55 am
 NEGATIVE FILED AT: Missouri State Park Board, P.O. Box 176
 1204 Jefferson Building, Jefferson City, Missouri 65101

4. IDENTIFICATION
 DESCRIBE VIEW, DIRECTION, ETC.
 View from the northeast to the southwest showing approach and east portal. The bridge floor projects beyond the housing structure to form a short uncovered bridge spanning a depression between the abutment and the road. Wooden guard railings are on either side of the approach.

SEE INSTRUCTIONS





Ken

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UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES
PROPERTY PHOTOGRAPH FORM

(Type all entries - attach to or enclose with photograph)

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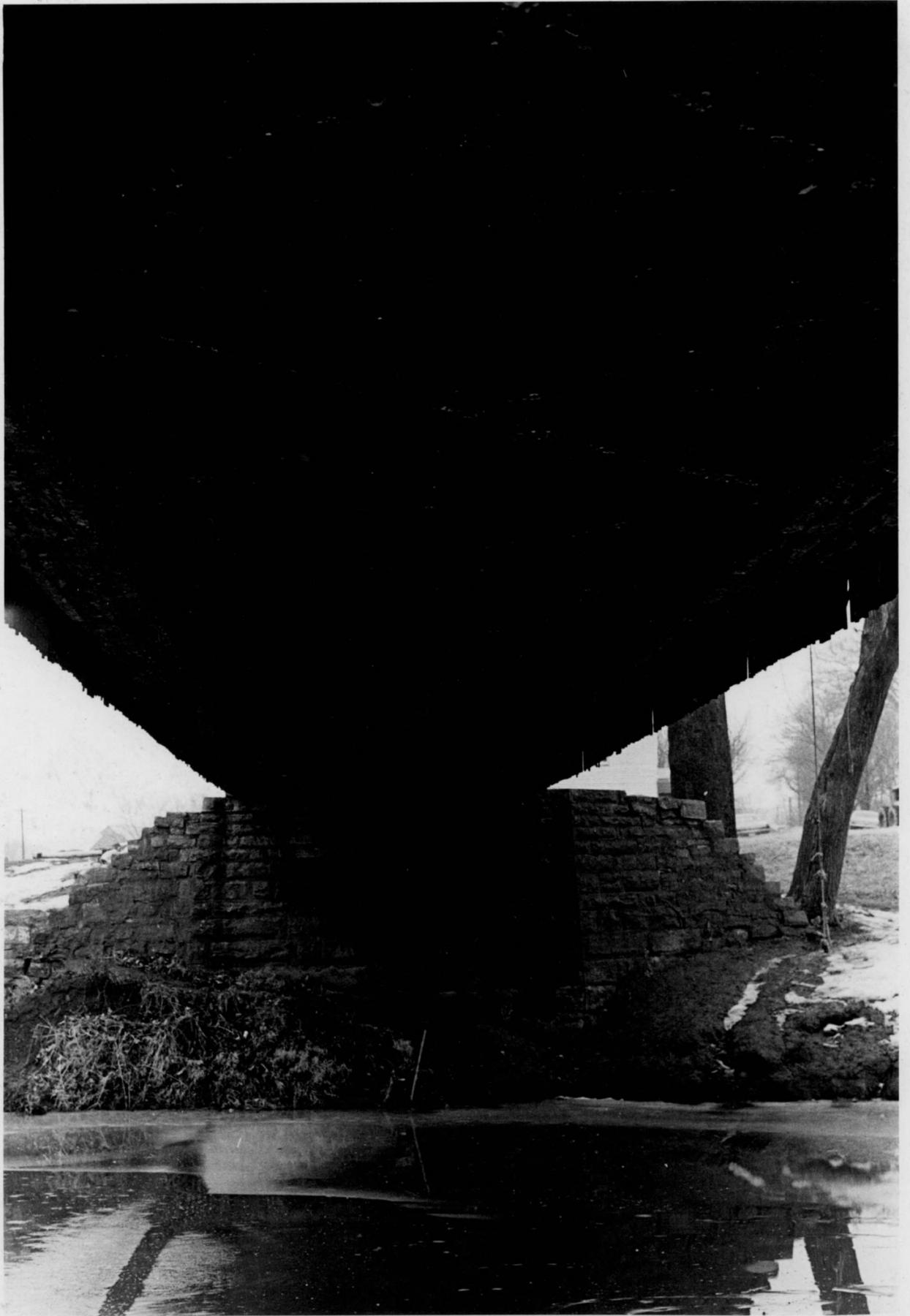
PHOTO CREDIT: Ron Walker, State Historical Survey, Missouri State Park Board

DATE OF PHOTO: January 25, 1970 8:32 am

NEGATIVE FILED AT: Missouri State Park Board, P.O. Box 176
1204 Jefferson Building, Jefferson City, Missouri 65102

4. IDENTIFICATION

DESCRIBE VIEW, DIRECTION, ETC.
View from the east to the west. Detail of stone abutment. Stone was cut and quarried locally. Continuous use attests to the strengthened quality of original construction. The combination of vertical and truss bracing construction is visible in the supporting understructure of the bridge.



UNITED STATES DEPARTMENT OF THE INTERIOR
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STREET AND NUMBER: 7 miles west of Jackson, Missouri, on Highway 34 to east edge of Burfordville on Route HH			
CITY OR TOWN:			
STATE:	CODE	COUNTY:	
Missouri	24	Cape Girardeau	C
3. PHOTO REFERENCE			
PHOTO CREDIT: Ron Walker, State Historical Survey, Missouri State Park Board			
DATE OF PHOTO: January 25, 1970 9:35 am			
NEGATIVE FILED AT: Missouri State Park Board, P.O. Box 176 1204 Jefferson Building, Jefferson City, Missouri 65101			
4. IDENTIFICATION			
DESCRIBE VIEW, DIRECTION, ETC.			
View from the southwest to the northeast. Detail of diagonal cross timbers and vertical iron bars are characteristic of Howe truss construction. These are the original truss members whipsawed near the site during construction in the 1860's.			

