National Register of Historic Places Inventory—Nomination Form

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

1. Name

Historic Bridges of Mississippi historic

N/A and or common

2. Location

street & number See individual forms

N/A___ not for publication

N/Avicinity of city, town See individual forms

state Mississippi

code

_ occupied

See individual forms SEE INDIVIDUAL FORMS county

code

museum

Classification 3.

- **Ownership** Status Category __ district _ public building(s) private X_ both X____ structure _ site **Public Acquisition** Accessible _ object
 - N/A in process _ yes: restricted being considered __X yes: unrestricted 'no
- _ agriculture _ unoccupied commercial work in progress educational entertainment government industrial milita

Present Use

park private residence . religious scientific X transportation

ry	 other:

state

Owner of Property 4.

name	See	individual	forms

street & number

city, town Location of Legal Description 5. See individual forms courthouse, registry of deeds, etc. street & number state city, town **Representation in Existing Surveys** 6, Mississippi Historic Bridge titie has this property been determined eligible? <u>.yes X___ no</u> Survey

____ vicinity of

1986 federal _X_ state local countv

Mississippi Department of Archives and History depository for survey records

Jackson city, town

date

Mississippi state

Expires 10-31-87

OMB No. 1024-0018

received OCT 03 1988

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date entered

7. Description

Condition excellent good	deteriorated ruins	Check one unaitered altered	Check one original site moved date _	N/A
fair	unexposed	SEE INDIVI	DUAL FORMS	

Describe the present and original (if known) physical appearance

An object of growing concern for the historic preservation community in America has been the historic bridge. Past preservation activities have often focused on covered bridges but neglected other types of bridges such as arch bridges, bascule bridges, and most importantly metal truss bridges. Truss bridges, in particular, exemplify the evolution of American engineering which pioneered in their development. The nineteenth and twentieth centuries saw bridge construction developed from a field dominated by craftsmen to one dominated by engineers. This change was accompanied by the introduction of new materials and mass production and by the birth of scientific stress analysis. Many early truss bridges are still to be found in Mississippi where they symbolize the birth of this new science and where they have often visually become important parts of the landscape.

All of the bridges submitted in this nomination are steel truss bridges except four: two open-spandrel concrete arch bridges, one brick arch bridge, and one steel arch bridge. The truss bridges represent a variety of types that were common in the late nineteenth and early twentieth centuries. The oldest dates to 1895 and most date to the early-twentieth century, a time period during which bridges were made according to standardized models developed by bridge manufacturing companies. These models were designed to fill various needs incurred in bridging streams of greatly varying sizes and were usually sold to local governments by traveling representatives of the bridge companies.

The survey of historic bridges in Mississippi was conducted intermittently from January 1986 through October 1986 by Jack D. Elliott, Jr., Historical Archaeologist with the Historic Preservation Division of the Mississippi Department of Archives and History. Bridges to be surveyed were selected from a computerized bridge inventory maintained by the Mississippi State Highway Department. The inventory had been compiled from information in the Highway Department files and from information submitted by the County Engineers for the eighty-two Mississippi counties. In order to be selected from the inventory for surveying a bridge had to pre-date 1942 and had to be of one of the following types: truss, arch, or lift. All of the suspension bridges in the state had previously been surveyed and nominated to the National Register.

Years before initiating the survey, it was recognized that there was a need to preserve Mississippi's historic bridges until they could be systematically assessed for significance. Consequently, in November 1982 the Permit Committee of the Board of Trustees of the Mississippi Department of Archives and History declared all of the

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Inventory---Nomination Form
HISTORIC BRIDGES IN MISSISSIPPIdate enteredContinuation sheet
DescriptionItem number7Page 1

bridges selected from the Highway Department inventory to be "State Archeological Landmarks." This action provided these bridges with considerable protection until their significance could be determined. The "State Archeological Landmark" program was created by the State Antiquities Act of 1970 and was designed to give a legal basis for protection of cultural resources belonging to the state, counties, and municipalities. After a bridge was declared to be a landmark the state and local governments had to obtain permission for bridge removal from the State Historic Preservation Office (SHPO). When such requests were made the SHPO had to decide without benefit of survey data whether to allow a bridge to be demolished or whether to make agreements to preserve it. The end result was that after three years agreements had been made to preserve a number of bridges of various types throughout the state.

Prior to initiating the survey, a record form was devised, based on examples from Virginia and Ohio, and duplicated. Every bridge selected from the inventory was then visited, described, drawn, and photographed. Although the emphasis of the survey was on extant historic bridges owned by state and local governments, some other bridges were recorded on an irregular basis. These bridges included truss or arch bridges owned by railroads, truss bridges that post-dated 1941, and bridges that were no longer extant but for which photographic information existed.

The temporal distribution of the surveyed bridges begins, as previously noted, with 1895 and increases in frequency with the passage of time. The survey evidence accompanied by historical data suggests that prior to the 1890s few metal truss bridges were constructed in Mississippi except at a few major river crossings such as at Aberdeen and Columbus on the Tombigbee River. The 1890s apparently saw the beginning of the bridging of smaller streams with metal trusses. Previously these smaller streams had largely been forded or spanned by wooden bridges.

Following is a tabulation of the surveyed pre-1937 bridges by type. Because some bridges have more than one span with the spans being of different types, the tabulation is actually by span instead of bridge. Thus, for example, a bridge that consists of one Pratt through truss and two Warren pony trusses would be listed as three spans, one in the Pratt through truss category and the other two under Warren pony trusses.

-	Pratt Through Truss	46
	Parker Through Truss	10
	Camelback Through Truss	9

National Register of Historic Places Inventory-Nomination Form HISTORIC BRIDGES IN MISSISSIPPI

Open-spandrel Concrete Arch

Locally-made Pony Trusses constructed

without attention to design

Continuation sheet Description

Brick Arch

Steel Arch

Total

Item number

1

2

1

4

182

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2

7 Page 4 Pennsylvania Through Truss 4 Warren Polygonal Through Truss Stearns Through Truss 1 Cantilevered Through Truss 1 Swinging Through Truss 10 27 Pratt Pony Truss 51 Warren Pony Truss 10 Warren Polygonal Pony Truss Vertical Lift 1

8. Significance



Specific dates See individual forms Builder/Architect See individual forms

Statement of Significance (in one paragraph)

The bridges submitted herewith are significant in that they are representative of a period (ca. 1890-1940) in Mississippi's transportation history when wooden bridges were being replaced primarily by mass produced steel truss bridges. Such bridges provided a relatively inexpensive, easily erected alternative that was not subject to rot. Furthermore, the selected bridges are representative of the range of types that were in use.

Most of these bridges are products of the evolution of metal truss engineering that began in New England during the earlynineteenth century. Experimentation with bridge design progressed during the century resulting in a variety of designs that became standardized. These standardized designs were relatively inexpensive, easily erected, and structurally reliable forms for spanning streams that could previously only be crossed by fording, by ferry, or by wooden bridges. Consequently, they became so widespread that they became a common component of the early-twentieth-century landscape in Mississippi.

In the last few decades bridge building has shifted to an increasing reliance upon reinforced concrete and ever-larger I-beams. With considerable Federal money available for bridge replacement, the older truss, arch, and suspension bridges are now rapidly disappearing to be replaced by more modern types. This threatens to extinguish forever these symbols of past engineering skills and transportation networks.

After surveying the historic bridges of Mississippi it has been determined that the primary criterion of significance under which they may qualify for the National Register is the section of Criterion C that states that the structures must "embody the distinctive characteristics of a type, period, or methods of construction." The bridges selected are representative of a period in Mississippi's history (ca. 1890-1940) when the use of standardized, prefabricated bridges was predominant for bridging streams that were of moderate size or larger. They have also been selected so as to provide representative examples of the various types of bridges that were in use during this period. All are over fifty years old.

A word of explanation of the selection procedure is warranted. Virtually every state that has heretofore conducted an historic bridge survey has used a numerical point system for selecting the bridges most worthy of preservation. This was a result of their needing to evaluate literally the significance of thousands of historic bridges. For a number of reasons such a system would not be practical or necessary in Mississippi.

9. Major Bibliographical References

SEE CONTINUATION SHEET

10. Geographical Dat	a
Acreage of nominated property	SEE INDIVIDUAL FORMS
Quadrangle name	Quadrangle scale
UT M References	B B C C C C C C C C C C C C C C C C C C
	$ \begin{array}{c} \bullet \rule{0mm}{2} \\ \bullet \rule{0mm}$
Verbal boundary description and justification	n
List all states and counties for properties o	verlapping state or county boundaries
state SEE INDIVIDUAL FORMS code	county SEE INDIVIDUAL FORMS CODE
state code	county code
11. Form Prepared By	/
Mississippi Department of organization Archives and History street & number P. O. Box 571	date May, 1987 telephone (601) 354-7326
city or town Jackson	state Mississippi 39205
	servation Officer Certification
The evaluated significance of this property within	the state is:
As the designated State Historic Preservation Offic 665), I hereby nominate this property for inclusion according to the criteria and procedures set forth	cer for the National Historic Preservation Act of 1966 (Public Law 89– in the National Register and certify that it has been evaluated by the National Park Service.
State Historic Preservation Officer signature	Kenneth H. P'Pool
title Deputy State Historic Preservati	ion Officer date September 27, 1988
For NPS use only I hereby certify that this property is included See Contamation	shut for fullings date
Keeper of the National Register	l
Attest:	date
Chief of Registration	

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HISTORIC BRIDGES IN MISSISSIPPI

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(1) Most states have historic bridges numbering in the thousands, Mississippi has less than two hundred. Furthermore, given that the selection was made from sub-sets (i.e. bridge types) the numbers of bridges were sufficiently small in each sub-set that a more subjective decision-making process was not only practical but was also more useful.

(2) The State Historic Preservation Office (SHPO) had made prior agreements with various local governments in the state to preserve examples of the various types of truss bridges. These specimens were all structurally sound and possessed their historical integrity. Because such agreements had been made the SHPO considered itself obligated to submit these particular bridges to the National Register. A few other examples were selected to produce a number comparable to the numbers submitted by other states to the National Register.

(3) One of the categories for which other states numerically evaluated their bridges was date of construction. It was discovered soon after beginning the survey that many of the construction dates provided for the older bridges shown in the inventory were erroneous.

The types used in selecting representative examples are: (1) Pratt Pony Truss, (2) Warren Pony Truss, (3) Warren Polygonal Pony Truss, (4) Pratt Through Truss, (5) Camelback Through Truss, (6) Parker Through Truss, (7) Pennsylvania Through Truss, (8) Cantilevered Through Truss, (9) Swinging Through Truss, (10) Steel Arch, and (11) Concrete Arch. Examples of Suspension bridges and Vertical Lift bridges have already been submitted to the National Register in past These types include all the bridges in Mississippi older than vears. fifty years with the exception of beam bridges and trestles, which have been omitted because of their simplicity of design, short lives, and difficulty in dating. The numbers of bridges selected from each type are roughly proportional to the overall numbers from each type. An asterick before the name of a bridge indicates that a preservation agreement has previously been made between the Permit Committee of the Board of Trustees of the Mississippi Department of Archives and History and various county governments or Federal government agencies.

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MISSISSIPPI BRIDGES PREVIOUSLY NOMINATED TO THE NATIONAL REGISTER

Bridge	Туре	County	Date of Submission
Youngblood Bridge	Suspension	Jefferson	1979
Coon Box Fork Bridge	Suspension	Jefferson	1979
Old Hill Place Bridge	Suspension	Jefferson	1979
Byram Bridge	Suspension	Hinds-Rankin	1979
Lamb-Fish Bridge	Vertical Lift	Tallahatchie	1982

MISSISSIPPI BRIDGES NOW BEING SUBMITTED TO THE NATIONAL REGISTER

BRIDGE	COUNTY	DATE	REMARKS
Pratt Through Truss	,		
*Bahala Creek Bridge	Lawrence	1909	(2)
Ediceton Bridge	Franklin	1909	(1 Pratt & 1 camelback)
Fairground St. Bridge Homochitto River Bridge	Warren Copiah	1895 1909	(2)
Tibbee Bridge	Clay	1896	
Waynesboro Bridge	Wayne Sunflower	1910	(2 Pratts and 1
*Woodburn Bridge	Suntiower	1910	(2 Fracts and 1 swinging through span)
Parker Through Truss			
Highway 11 Bridge over Chunky River	Clarke		(1)
Camelback Through Truss	·		
Ediceton Bridge	Franklin	1909	(1 camelback & 1 Pratt)
Shubuta Bridge	Clarke	1909	(1 camelback)

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inuation sheet Significance	Item n	umber	8 Page 3
Pennsylvania Through Truss			
Gatesville Bridge	Copiah/ Simpson	1908	(1 Penn.truss & 1 Warren pony truss)
Leaf River Bridge	Greene	1907	(1 Penn. truss)
Rockport Bridge	Copiah/ Simpson	1910	(2 Penn.'s)
Stearns (?) Through Truss	Э		,
Stuckey's Bridge	Lauderdale	≘ 1901	(1)
Swinging Truss Span Bridge			
Columbus Bridge	Lowndes	1927	(1 swinging span and 2 Warren polygonal pony truss spans)
Keesler Bridge	Leflore	1925	(1)
* Waverley Bridge	Clay/ Lowndes	1914	(1)
* Woodburn Bridge	Sunflower	1916	(1 swinging span and 2 Pratt through truss spans
Warren Pony Truss Bridge			
Gatesville Bridge	Copiah/ Simpson		(1 Warren pony & 1 Penn.)
Hickahala Creek Bridge *Owens Creek Bridge	Tate Claiborne	1926	
Warren Polygonal Pony Truss			
*Enterprise Bridge	Clarke	1920s?	(2)

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Pratt Pony Truss Bridge				
*Motley Slough Bridge *Running Water Bridge *Widow's Creek Bridge *Yellow Creek Bridge	Lowndes Noxubee Claiborne Wayne	1920 1928 1917 1910	(1) (1) (1) (1)	
Cantilivered Truss Bridge				
Mississippi River Bridge	Warren	1930	(1 cantil bridge a spans)	evered and 2 Parker
Brick Arch Bridge			,	
Confederate Ave. Brick Arch Bridge	Warren	1935	(1)	
Open Spandrel Concrete Arch	Bridge			
Woodrow Wilson Bridge	Hinds/ Rankin	1925	(1)	
ICG Railroad Bridge	Warren/ Hinds	1917	(5)	
Steel Deck Arch				
Confederate Ave. Steel Arch Bridge	Warren	1903	(1)	

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		Multiple Resource Area Thematic Group
Historic Bridges of M tate Claiborne County		
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4. Confederate Avenue Brid	k Arch Bridge	freeper Julour Symull
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Section number _____ Page _____ Multiple Resource Area Thematic Group Historic Bridges of Mississippi TR Name State Claiborne County and others, MS Nomination/Type of Review Date/Signature 11. Highway 11 Bridge over Chunky River the Keeper Alloring <u>11 | 16 | 88</u> National Register Attest Reeper delores Miterod funda 12. Homochitto River Bridge National Register Attest Linterer Keeper Allon 11/16/88 13. Keesler Bridge Attest Entered in the Reeper (、 14. Leaf River Bridge lational Register Attest Patered in the Keeper Klelorer , 15. Mississippi River Bridge le liestel Begister matered in the Attest Matimel Bogister freeper Selvre 11/16/88 16. Motley Slough Bridge Attest Enternd in the at inside the Keeper Allon 11/16/88 \ 17. Owens Creek Bridge Attest Entered in the National Register Keeper '18. Rockport Bridge Attest Freeper Allon 11/16/88 19. Running Water Creek Bridge الإلى الما المانيان Metional Roylarne Attest Delores -Housed in + Keeper / 20. Shubuta Bridge Attest

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	9		Multiple Resource Area Thematic Group
Namo	Historic Bridges of M	ississippi TR	
State		others, MS	
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21.	Stuckey's Bridge	National Register	fokeeper Allound Jun 11/16/18
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