

NR LISTED

United States Department of the Interior
National Park Service

MAY 26 1995

NATIONAL REGISTER OF HISTORIC PLACES
REGISTRATION FORM

AHPP

1. Name of Property

historic name: Petit Jean River Bridge

other name/site number: L00043

2. Location

street & number: State Highway 109 at crossing of Petit Jean River

not for publication: N/A

city/town: Sugar Grove

vicinity: X

state: AR county: Logan code: AR 083 zip code: 72927

3. Classification

Ownership of Property: Public-state

Category of Property: Structure

Number of Resources within Property:

Contributing	Noncontributing	
<u> </u>	<u> </u>	buildings
<u> </u>	<u> </u>	sites
<u> 1 </u>	<u> </u>	structures
<u> </u>	<u> </u>	objects
<u> 1 </u>	<u> 0 </u>	Total

Number of contributing resources previously listed in the National Register: N/A

Name of related multiple property listing: Historic Bridges of Arkansas

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4. State/Federal Agency Certification
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As the designated authority under the National Historic Preservation Act of 1986, as amended, I hereby certify that this X 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 X meets _____ does not meet the National Register Criteria. _____ See continuation sheet.

Carluya A. Slatu _____ 4-11-95
Signature of certifying official Date

Arkansas Historic Preservation Program
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

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5. National Park Service Certification
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I, hereby certify that this property is:

- _____ entered in the National Register _____
_____ 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

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6. Function or Use
=====

Historic: TRANSPORTATION Sub: Road-related

Current: TRANSPORTATION Sub: Road-related

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7. Description
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Architectural Classification:

Other

Other Description: Pratt thru-truss

Materials:	foundation	<u>Stone/concrete</u>	roof	<u>N/A</u>
	walls	<u>Metal handrailing</u>	other	<u>Timber over</u>
				<u>s t e e l</u>
				<u>substructure</u>

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

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8. Statement of Significance
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Certifying official has considered the significance of this property in relation to other properties: Local.

Applicable National Register Criteria: C

Criteria Considerations (Exceptions): N/A

Areas of Significance: ENGINEERING

Period(s) of Significance: 1938-1939

Significant Dates: 1938

Significant Person(s): N/A

Cultural Affiliation: N/A

Architect/Builder: Unknown

State significance of property, and justify criteria, criteria considerations, and areas and periods of significance noted above.
X See continuation sheet.

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9. Major Bibliographical References
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See "Historic Bridges of Arkansas" MPS Nomination, Section H.

___ 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:

- X State historic preservation office
- ___ Other state agency
- ___ Federal agency
- ___ Local government
- ___ University
- ___ Other -- Specify Repository: _____

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10. Geographical Data
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Acreage of Property: Less than one

UTM References:	Zone	Easting	Northing	Zone	Easting	Northing
A	<u>15</u>	<u>427000</u>	<u>3883850</u>	B	<u>15</u>	_____
C	<u>15</u>	_____	_____	D	<u>15</u>	_____

___ See continuation sheet.

Verbal Boundary Description: ___ See continuation sheet.

Beginning at a point formed by the intersection of the western edge of State Highway 109 with a perpendicular line running parallel with the northern end of the bridge and located approximately 25 feet to the north thereof, proceed westerly for a distance of approximately 25 feet to its intersection with a perpendicular line running parallel with the bridge's western side; thence proceed southerly along said line for a distance of approximately 323 feet to its intersection with a perpendicular line; thence proceed easterly along said line for a distance of approximately 74 feet to its intersection with a perpendicular line; thence proceed northerly along said line for a distance of approximately 323 feet to its intersection with a perpendicular line; thence proceed southwesterly to the point of beginning.

Boundary Justification: ___ See continuation sheet.

This boundary includes all the property historically associated with this resource.

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11. Form Prepared By
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Name/Title: Ken Story, National Register/Survey Coordinator
Organization: Arkansas Historic Preservation Program Date: 04/04/95
Street & Number: 323 Center Street, Suite 1500 Telephone: (501) 324-9880
City or Town: Little Rock State: AR Zip: 72201

United States Department of the Interior
National Park Service

National Register of Historic Places

Continuation Sheet

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Description

Located on Highway 109 at its crossing of the Petit Jean River (approximately .5 miles south of County Road 738 and Highway 109, approximately one mile north of Sugar Creek), the Petit Jean River Bridge is a Pratt through-truss steel bridge. The bridge itself extends between two pair of poured concrete piers placed away from each shoreline and which connect the bridge structure itself with the approach spans. The entire bridge measures 273 feet in length, with a deck width of 19 feet and an overall width of 24 feet. The abutments that support the ends of the approach spans are stone masonry and the piers are concrete. The deck material is timber over a steel substructure. A simple metal handrailing also runs the length of each side of the deck.

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Significance

Constructed in 1938, the Petit Jean River Bridge is associated with the *Arkansas Highway and Transportation Era* historic context and is of the steel Pratt through-truss type. Though the identity of its original designer does not survive, it was constructed in conjunction with the Arkansas State Highway Commission and thus may well have been designed by one of that state agency's engineers. Given its relatively intact condition it retains sufficient integrity to remain associated with its historic period and is thus locally eligible under Criterion C.

