DEC 1 / 1097

INDIVIDUAL DATA SHEET

	1 4 1001
Property Name <u>Illinois River Bridge</u>	Property Owner Benton County
Location 6 miles east of Siloam Springs	Address c/o A. E. Norwood
Construction Date 1922 Survey NoAHTD #1059	Benton County Judge Benton County Courthouse Bentonville, AR 72712

DESCRIPTION

The Illinois River Bridge is a solid filled concrete arch bridge located on Benton County Road #3 approximately 6 miles east of Siloam Springs, Arkansas. It crosses the Illinois River in a relatively narrow floodplain that measures approximately $\frac{1}{2}$ mile in width. The bridge has two main spans separated by a central pier. Each arched span is elliptical in appearance and measures 68 feet in length from the spring line for a total bridge length of 139 feet. The bridge deck is 11' $2\frac{1}{2}$ " wide and is flanked by solid reinforced concrete parapete 3'10" high and 6" thick. These parapets are decorated on the interior and exterior surfaces with a series of simple lined panels. The end panels on the west parapet contain commemorative plaques containing the names of the county bridge commissioners responsible for its construction and the name of the bridge company who built it. The remaining concrete surfaces of the bridge are undecorated and finished with a smooth surface. Reinforced concrete solid spandrel walls and both barreled archs support earth fill that serves as the decking surface for a single lane of traffic.

STATEMENT OF SIGNIFICANCE
Criterion: C Area of significance: engineering
The Illinois River Bridge is an excellent example of a solid filled concrete arch bridge. This bridge type was widely constructed throughout the early 20th century in Arkansas in situations where bridges were needed to cross relatively short distances. There are currently 52 solid filled concrete arch bridges built prior to 1941 remaining in Arkansas, with the oldest example being built in 1914. As a group, they represent a 27 year period of Arkansas bridge history that saw the formation of the Arkansas Transportation and Highway Department (AHTD) in 1923 and the subsequent standardization that ensured greater uniformity in quality and design in bridge construction throughout the state. The popularity of this bridge type grew as the flexibility of design and durability of reinforced concrete became evident. 85% of the historic solid filled concrete arch bridges in the state were built after the formation of the AHTD. The Illinois River Bridge was built in 1922 by the Luten Bridge Company of Knoxville, Tennessee. This company specialized in concrete bridges and was prolific throughout
Acreage less than 1 acre
Verbal Boundary Description The Illinois River Bridge is located in the NE ½ of Section 7,
Quadrangle Name Gallatin, Ark. Quadrangle Scale 1:24000
UTM Reference: Zone 15 Easting 371060 Northing 4003170

MRA	No.	133	
MKA	No.	133	

INDIVIDUAL DATA SHEET

Property Name <u>Illinoi</u>	s River Bridge	Property Owner
ocation		Address
Construction Date	Survey No. AHTD #	10593
	DESCRIP	TION
VERBAL BOUNDARY DESCRI	PTION CONT.	
	on County Road #3 to	e concrete approach span 20 feet north of the the end of the concrete bridge 139 feet
	STATEMENT OF S	SIGNIFICANCE
Criterion:		Area of significance:
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Acreage		
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UTM Reference: Zone	F	asting Northing

United States Department of the Interior National Park Service

National Register of Historic Places Inventory—Nomination Form

For NPS use only

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Continuation sheet

Item number

Page

Multiple Resource Area Thematic Group

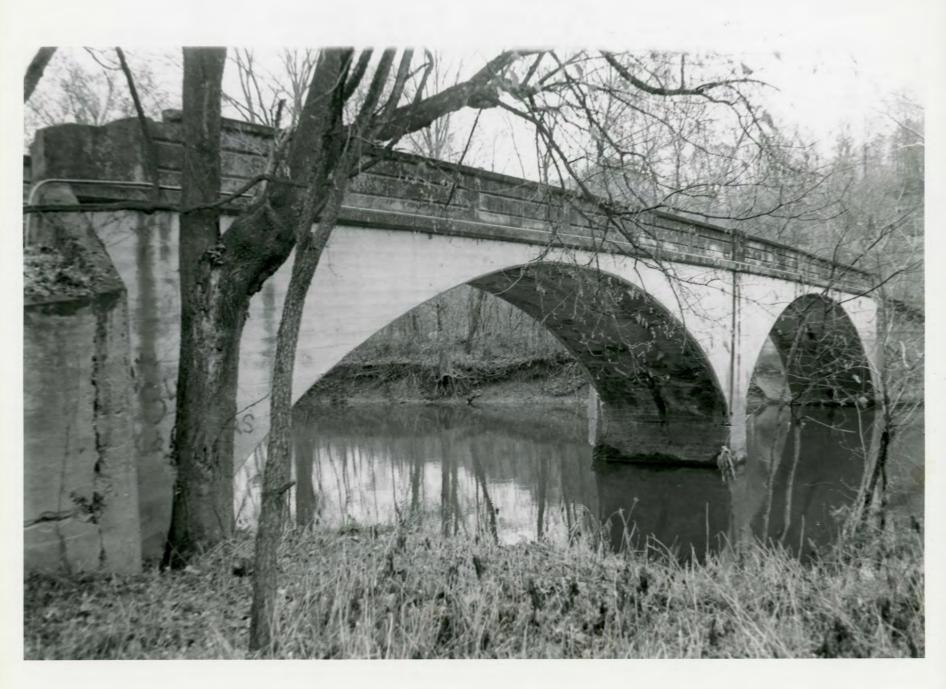
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0.	Kindley House	National Register	Keeper Selverfyer 1/28

UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES EVALUATION/RETURN SHEET

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owner objection				Federal Agency:	2071
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				Recom./Criteria	
				Discipline	
				Date	
				see continuation sheet	
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10. Geographical Data				
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Signed	Date		Phone:	



NO.133
ILLINOIS RIVER BRIDGE
VIC. SILORN SPRINGS
BENTON CO. MRA
PHOTO'D BY M. SWANDA
NEGATIVES ON FILE at AHPP

Please refer to the map in the Multiple Property Cover Sheet for this property

Multiple Property Cover Sheet Reference Number: 64000022