

United States Department of the Interior
National Park Service

National Register of Historic Places Registration Form

This form is for use in nominating or requesting determinations of eligibility for individual properties or districts. See instructions in *Guidelines for Completing National Register Forms* (National Register Bulletin 16). Complete each item by marking "x" in the appropriate box or by entering the requested information. If an item does not apply to the property being documented, enter "N/A" for "not applicable." For functions, styles, materials, and areas of significance, enter only the categories and subcategories listed in the instructions. For additional space use continuation sheets (Form 10-900a). Type all entries.

1. Name of Property

historic name Lee Creek Bridge
other names/site number HAER No. AR-24

2. Location

street & number State Highway 59, spanning Lee Creek not for publication N/A
city, town Natural Dam vicinity N/A
state Arkansas code 05 county Crawford code 003 zip code 72948

3. Classification

Ownership of Property	Category of Property	Number of Resources within Property	
<input type="checkbox"/> private	<input type="checkbox"/> building(s)	Contributing	Noncontributing
<input type="checkbox"/> public-local	<input type="checkbox"/> district	_____	_____ buildings
<input checked="" type="checkbox"/> public-State	<input type="checkbox"/> site	_____	_____ sites
<input type="checkbox"/> public-Federal	<input checked="" type="checkbox"/> structure	<u>1</u>	_____ structures
	<input type="checkbox"/> object	_____	_____ objects
		<u>1</u>	_____ Total

Name of related multiple property listing: Historic Bridges of Arkansas
Number of contributing resources previously listed in the National Register N/A

4. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act of 1966, as amended, I hereby certify that this 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 meets does not meet the National Register criteria. See continuation sheet.

Signature of certifying official: Arkansas Historic Preservation Program Date _____
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 _____

5. National Park Service Certification

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 the Keeper _____ Date of Action _____

6. Function or Use

Historic Functions (enter categories from instructions)

Transportation/Road-Related

Current Functions (enter categories from instructions)

Transportation/Road-Related

7. Description

Architectural Classification

(enter categories from instructions)

Other: Pennsylvania through-truss

Materials (enter categories from instructions)

foundation concrete

walls steel

roof _____

other _____

Describe present and historic physical appearance.

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

**National Register of Historic Places
Continuation Sheet**

Section number 7 Page 1

The Lee Creek Bridge at Natural Dam uses Pennsylvania steel-trusses in the two identical, 140 foot main-spans and six 50 foot stringer approach spans that combine for a total length of 587 feet. The trusses have a vertical clearance of 14 feet and a clear roadway of 22 feet. Web-members of the main spans are built-up from channels, angles, continuous plates, batten plates, or lacing bars riveted together. I-beams are used for all verticals and some diagonals. Piers are reinforced concrete.

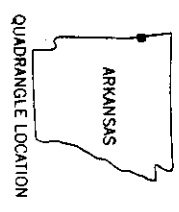
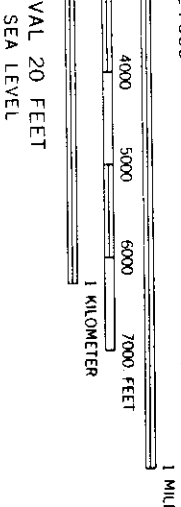
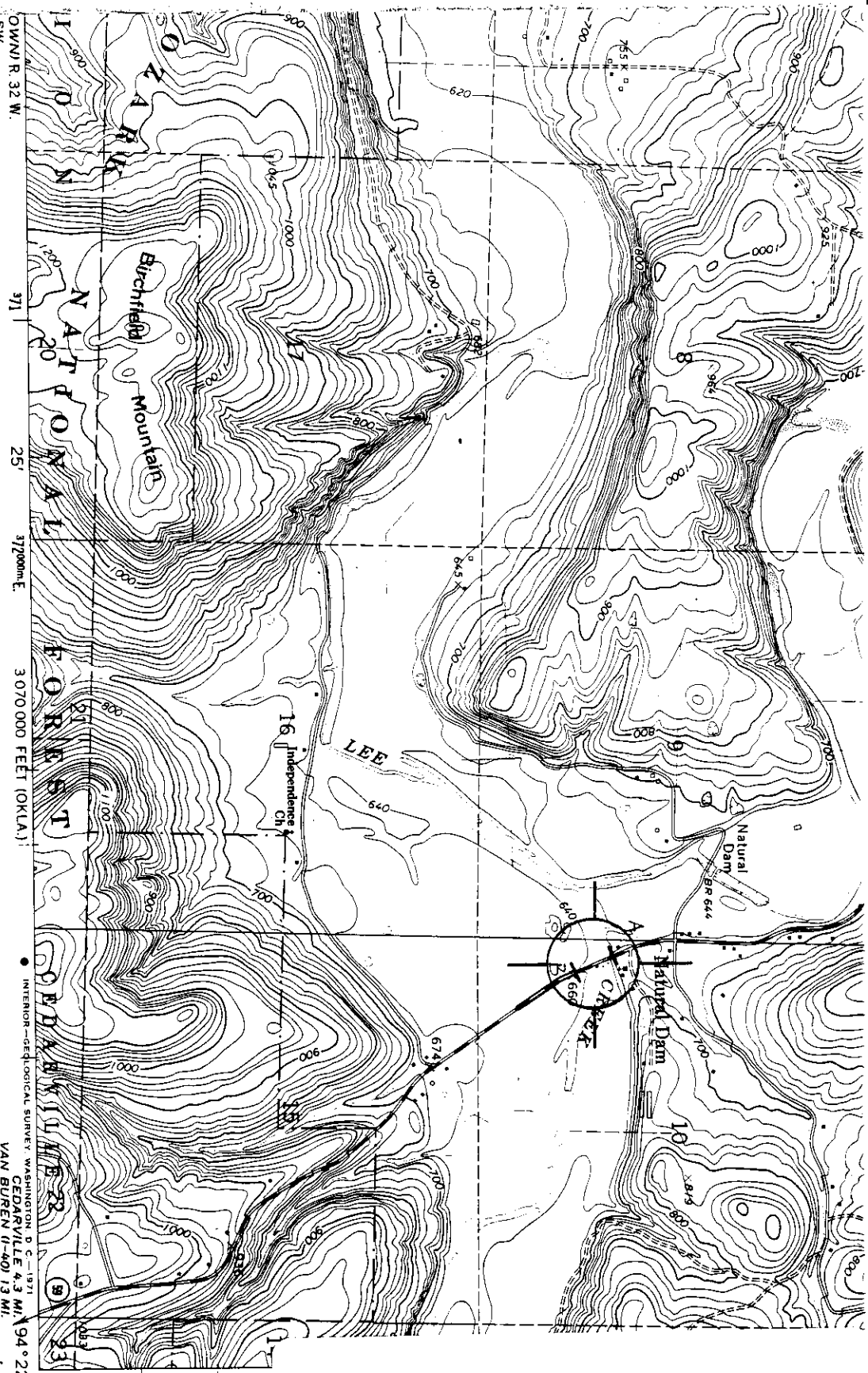
This bridge is currently being maintained by the Arkansas Highway and Transportation Department and is in excellent condition.

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

**National Register of Historic Places
Continuation Sheet**

Section number 8 Page 1

Designed by the Arkansas Highway and Transportation Department (AHTD) under the general supervision of Bridge Engineer, N.B. Garver, and built in 1934 by the M.E. Gillioz Company of Monett, Missouri, the Lee Creek Bridge at Natural Dam survives as one of four Pennsylvania through-truss bridges in Arkansas. M.E. Gillioz is considered to have made a significant contribution to the early 20th century development of Monett, Missouri. His company was responsible for other major engineering structures in Arkansas, including the Lake Fort Smith Dam near Mountainburg and the Current River Bridge at Van Buren. The Lee Creek Bridge at Natural Dam, constructed during the Arkansas Highway and Transportation Department Era: 1923-1939, is an excellent example of its type and clearly demonstrates the advancements made by the AHTD in steel-truss bridge design and technology by the 1930s. As such, it is being nominated under Criteria A and C with statewide significance.



ROAD CLASSIFICATION
 Secondary highway, all weather, Light-duty road, all weather,
 hard surface improved surface
 Unimproved road, fair or dry
 weather
 ○ State Route

NATURAL DAM, ARK.—OKLA.

N3537.5—W9422.5/7.5

1969

AMS 7155 III NW—SERIES V884

Lee Creek Bridge (Natural Dam)
 Natural Dam, Arkansas
 A) 15/373825/3945390
 B) 15/373890/3945240
 Natural Dam Quadrangle
 1:24,000

AL MAP ACCURACY STANDARDS
 COLORADO 80225 OR WASHINGTON, D. C. 20242,
 N. LITTLE ROCK, ARKANSAS 72201.
 VEY, NORMAN, OKLAHOMA 73069
 AND SYMBOLS IS AVAILABLE ON REQUEST

TRUDY
 7155 III SE

8. Statement of Significance

Certifying official has considered the significance of this property in relation to other properties:

nationally statewide locally

Applicable National Register Criteria A B C D

Criteria Considerations (Exceptions) A B C D E F G

Areas of Significance (enter categories from instructions)

Transportation
Engineering

Period of Significance

1934-1939

Significant Dates

1934

Cultural Affiliation

N/A

Significant Person

N/A

Architect/Builder

Architect: Arkansas Highway & Transportation
Builder: Gillioz, M.E.

State significance of property, and justify criteria, criteria considerations, and areas and periods of significance noted above.

See continuation sheet

9. Major Bibliographical References

See Historic Bridges of Arkansas, Multiple Property Nomination, Section H.

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 # HAER No. AR-24

See continuation sheet

Primary location of additional data:

- State historic preservation office
- Other State agency
- Federal agency
- Local government
- University
- Other

Specify repository:

U.S. Library of Congress

10. Geographical Data

Acreage of property Less than one acre

UTM References

A

1	5
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3	7	3	8	2	5
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3	9	4	5	3	9	0
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Zone Easting Northing

C

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B

1	5
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3	7	3	8	9	0
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3	9	4	5	2	4	0
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Zone Easting Northing

D

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See continuation sheet

Verbal Boundary Description

Beginning at a point approximately 850 feet south of the intersection of Natural Dam Road and State Highway 59, the Lee Creek Bridge boundary starts here at the north abutment, then continues south across Lee Creek for approximately 587 feet, where it terminates at the south abutment.

See continuation sheet

Boundary Justification

The boundary includes the main spans, approach spans, piers and abutments that are historically associated with this property.

See continuation sheet

11. Form Prepared By

name/title Michael Swanda, Survey Coordinator
organization Arkansas Historic Preservation Program date February 5, 1990
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city or town Little Rock state Arkansas zip code 72201