

United States Department of the Interior
National Park ServiceNational Register of Historic Places
Registration FormRECEIVED
FEB 23 1990

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DIVISION OF
NATIONAL REGISTER PROGRAMS

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 Mountain Fork Bridgeother names/site number HAER No. AR-34

2. Location

street & number County Road #38, spanning Mountain Fork Creek☐ not for publication N/Acity, town Mena☒ vicinitystate Arkansascode 05county Polkcode 113zip code 71953

3. Classification

Ownership of Property

- ☐ private
☒ public-local
☐ public-State
☐ public-Federal

Category of Property

- ☐ building(s)
☐ district
☐ site
☒ structure
☐ object

Number of Resources within Property

Contributing	Noncontributing
	buildings
	sites
1	structures
	objects
1	Total

Name of related multiple property listing:

Historic Bridges of ArkansasNumber 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

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

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)

Pratt pony-truss

Materials (enter categories from instructions)

foundation steel/concrete

walls steel

roof

other

Describe present and historic physical appearance.

State of Arkansas
County 501
City town village
Street & number
Location

State of Arkansas
County 501
City town village
Street & number
Location

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.

Date 02-19-90

Signature of certifying official

State of Arkansas
Department of Parks and Recreation

In my opinion, the property [] meets [] does not meet the National Register criteria. See continuation sheet.

Date

Signature of certifying official

State of Arkansas
Department of Parks and Recreation

2. National Park Service Certification
I hereby certify that this property is:
[] entered in the National Register.
[] determined eligible for the National Register. See continuation sheet.
[] determined not eligible for the National Register.

removed []
other (explain) []

[X] See continuation sheet

Signature of the Keeper
Date of Action

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

**National Register of Historic Places
Continuation Sheet**

Section number 7 Page 1

The Mountain Fork Bridge is a two span Pratt steel pony-truss bridge. The two main spans are each 80 feet long and the nine approach spans measure 26 feet each, bringing the total length of the bridge to 406 feet. In the steel pony-trusses, the majority of the web members making up the top and bottom chords, diagonals, and verticals, are built from channels, angles, continuous plate, or batten plates riveted together. The handrail is made from angles and the road deck is covered with timber planking. Piers consist of steel cylindrical rings riveted together and filled with concrete. The approach spans are steel stringers supported by piers constructed with built-up sections of angles and lacing bars riveted together.

The Mountain Fork Bridge is in good condition and is being maintained by the county.

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

Early 1900's

Significant Dates

N/A

Cultural Affiliation

N/A

Significant Person

N/A

Architect/Builder

N/A

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

☐ See continuation sheet

☐ See continuation sheet

☐ See continuation sheet

☒ 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-34

☐ 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

Acres of property Less than one acre

UTM References

A

1	5
---	---

 Zone

3	7	1	5	1	0
---	---	---	---	---	---

 Easting

3	8	2	1	4	1	0
---	---	---	---	---	---	---

 Northing

C

--	--

 Zone

--	--	--	--	--	--

 Easting

--	--	--	--	--	--	--

 Northing

B

1	5
---	---

 Zone

3	7	1	5	8	0
---	---	---	---	---	---

 Easting

3	8	2	1	4	4	0
---	---	---	---	---	---	---

 Northing

D

--	--

 Zone

--	--	--	--	--	--

 Easting

--	--	--	--	--	--	--

 Northing

☐ See continuation sheet

Verbal Boundary Description

Beginning at a point approximately 1,700 feet west of the intersection of County Road #38 and Gann Cemetery Road, the boundary of the Mountain Fork Bridge starts here at the east abutment, then continues west across the Mountain Fork Creek for approximately 406 feet, where it terminates at the west 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

street & number 225 East Markham Street

city or town Little Rock

date February 5, 1990

telephone (501) 371-2763

state Arkansas zip code 72201

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

**National Register of Historic Places
Continuation Sheet**

Section number 8 Page 1

Constructed during the Early Transportation Era: 1803-1922 by an unknown builder, the Mountain Fork Bridge survives as an excellent Arkansas example of a Pratt steel pony-truss bridge. The Pratt pony-truss design was very common in Arkansas in the late 19th and early 20th centuries and was readily available to county judges and interested parties from a variety of bridge companies. Its design features reflect the bridge engineering period preceding the creation of the Arkansas Highway and Transportation Department in 1923, which brought about the standardization of the most commonly used bridge designs. It is believed that the Mountain Fork Bridge was constructed in the early 1900's. As such, it is nominated under Criteria A and C with statewide significance.

2/23/90

United States Department of the Interior
National Park ServiceNational Register of Historic Places
Continuation Sheet

Section number _____ Page _____

Historic Bridges of Arkansas MPS	Baxter County, et al.	Date Listed
COVER Substantive Review		4/6/90
1. Cotter Bridge Substantive Review		4/4/90
✓ 2. North Fork Bridge	Entered in the National Register	4/9/90
3. Beaver Bridge Substantive Review		4/9/90
4. Mulladay Hollow Bridge Substantive Review		4/6/90
5. Little Missouri River Bridge Substantive Review		4/9/90
✓ 6. Cedar Creek Bridge	Entered in the National Register	4/9/90
✓ 7. Lee Creek Bridge (AR 220)		4/9/90
8. Lee Creek Bridge (AR 59) Substantive Review		4/6/90
9. South Fork Bridge <i>SR</i> Substantive Review		4/9/90
10. Eight Mile Creek Bridge Substantive Review		4/6/90
11. Newport Bridge		4/9/90
12. Big Piney Creek Bridge Substantive Review		4/9/90
13. Cache River Bridge		4/9/90
14. St. Louis-San Francisco Overpass	Entered in the National Register	4/9/90
15. Red River Bridge Substantive Review		4/4/90
16. Buffalo River Bridge	Entered in the National Register	4/9/90
17. Harp Creek Bridge		4/9/90
18. Cypress Creek Bridge Substantive Review		4/9/90
19. Mountain Fork Bridge Substantive Review		4/9/90
20. White River Bridge at DeValls Bluff	Entered in the National Register	4/9/90
21. Edgemere Street Bridge	Entered in the National Register	4/9/90
22. Lake No. 1 Bridge	Entered in the National Register	4/9/90

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES
EVALUATION/RETURN SHEET

REQUESTED ACTION: NOMINATION

PROPERTY NAME: Mountain Fork Bridge

MULTIPLE NAME: Historic Bridges of Arkansas MPS

STATE & COUNTY: ARKANSAS, Polk

DATE RECEIVED: 2/23/90

DATE OF 16TH DAY: 3/22/90

DATE OF WEEKLY LIST:

DATE OF PENDING LIST: 3/06/90

DATE OF 45TH DAY: 4/09/90

REFERENCE NUMBER: 90000540

NOMINATOR: STATE

REASONS FOR REVIEW:

APPEAL: N DATA PROBLEM: N LANDSCAPE: N LESS THAN 50 YEARS: N
OTHER: Y PDIL: N PERIOD: N PROGRAM UNAPPROVED: N
REQUEST: N SAMPLE: N SLR DRAFT: N NATIONAL: N

COMMENT WAIVER: N

☒ ACCEPT ☐ RETURN ☐ REJECT 4/9/90 DATE

ABSTRACT/SUMMARY COMMENTS:

RECOM./CRITERIA Accept A, C
REVIEWER A. Federman
DISCIPLINE Arch Hist
DATE 4/9/90

DOCUMENTATION see attached comments Y/N see attached SLR Y (N)

CLASSIFICATION

____count ____resource type

STATE/FEDERAL AGENCY CERTIFICATION

FUNCTION

____historic ____current

DESCRIPTION

____architectural classification
____materials
____descriptive text

SIGNIFICANCE

Period Areas of Significance--Check and justify below

Specific dates Builder/Architect
Statement of Significance (in one paragraph)

____summary paragraph
____completeness
____clarity
____applicable criteria
____justification of areas checked
____relating significance to the resource
____context
____relationship of integrity to significance
____justification of exception
____other

BIBLIOGRAPHY

GEOGRAPHICAL DATA

____acreage ____verbal boundary description
____UTMs ____boundary justification

ACCOMPANYING DOCUMENTATION/PRESENTATION

____sketch maps ____USGS maps ____photographs ____presentation

OTHER COMMENTS

Questions concerning this nomination may be directed to

Phone

Signed Date



MOUNTAIN FORK BRIDGE
MENA VICINITY, ARKANSAS
PHOTOGRAPHER, MICHAEL SWANDA
MAY, 1989
NEGATIVE ON FILE AT AHPP
DETAIL VIEW OF PIER



MOUNTAIN FORK BRIDGE

MONA VICINITY, ARKANSAS

PHOTOGRAPHER, MICHAEL SWANOA

MAY, 1989

NEGATIVE ON FILE AT AMPP

VIEW LOOKING EAST



MOUNTAIN FORK BRIDGE
MOVA VICINITY, ARKANSAS
PHOTOGRAPHER, MICHAEL SWANDA

MAY, 1989

NEGATIVE ON FILE AT AHPP

VIEW LOOKING EAST



MOUNTAIN FORK BRIDGE
MENA VICINITY, ARKANSAS
PHOTOGRAPHER, MICHAEL SWANDA
MAY, 1989
NEGATIVE ON FILE AT AHPP
VIEW LOOKING EAST
DETAIL OF APPROACH SPAN PIER



MOUNTAIN FORK BRIDGE

MENA VICINITY, ARKANSAS

PHOTOGRAPHER, MICHAEL SWANOT

MAY, 1989

NEGATIVE ON FILE AT AHPP

VIEW LOOKING EAST



MOUNTAIN FORK BRIDGE

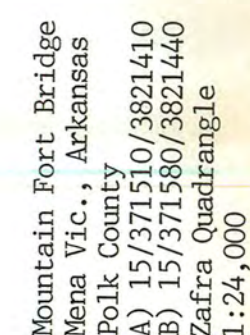
MEWA VIC., ARKANSAS

PHOTOGRAPHER, MICHAEL SWANOA

JULY, 1988

NEGATIVE ON FILE AT AHPP

VIEW LOOKING SOUTH



Unchecked elevations are shown in brown

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
AND BY THE ARKANSAS GEOLOGICAL COMMISSION, LITTLE ROCK, ARKANSAS 72201
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Unimproved dirt =====

○ State Route

ZAFRA, ARK.—OKLA.

N3430—W9422.5/7.5

AMS 7153 III SW—SERIES V884