

United States Department of the Interior
National Park ServiceRECEIVED
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National Register of Historic Places
Registration FormDIVISION OF
NATIONAL REGISTER PROGRAMS
NATIONAL PARK SERVICE

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 Beaver Bridge

other names/site number HAER No. AR-53

2. Location

street & number State Highway 187, spanning the White River

☐ not for publication N/A

city, town Beaver

☐ vicinity N/A

state Arkansas

code 05

county Carroll

code 015

zip code 72613

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 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

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)

Other: Suspension

Materials (enter categories from instructions)

foundation concrete

walls steel

roof

other

Describe present and historic physical appearance.

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)

Period of Significance

Significant Dates

Transportation

Early 1900's

N/A

Engineering

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

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-53

☐ 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	4	3	1	1	6	0	4	0	3	6	2	6	0
Zone		Easting				Northing								

C

Zone		Easting				Northing								

B

1	5	4	3	1	1	6	0	4	0	3	6	4	4	0
Zone		Easting				Northing								

D

Zone		Easting				Northing								

☐ See continuation sheet

Verbal Boundary Description

Beginning at a point approximately 600 feet south of the intersection of Highway 187 and Main Street, the Beaver Bridge starts here at the north abutment, then continues south over the White River for approximately 600 feet, where it terminates at the south abutment.

☐ See continuation sheet

Boundary Justification

The boundary includes the main span, abutments and piers 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**

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The Beaver Bridge uses a set of steel cables draped over two steel towers on concrete piers. These steel cables are anchored in concrete abutments buried in the ground on either end of the bridge. Each of the four main cables contain six entwined, individually stranded cables. From these double cables are suspended vertical steel-rod tension members that support a steel sub-structure. This steel I-beam stringer system is used for stiffening and is laterally braced with diagonal steel beams. Timber floor beams are laid perpendicularly across the steel stringers and support a timber decking.

The towers are constructed of two vertical steel I-beams that are pin-connected at the base to a bearing block that is anchored in the top of the concrete pier. This pin-connection allows the towers to pivot from the base under live-load conditions. Each tower is laterally braced with a series of struts and diagonal crossed members built-up from riveted angles and batten plates. Timber posts and planks make up the handrail. A Major renovation of the bridge was completed in 1980. The bridge is in good condition and is being maintained by the U.S. Corps of Engineers.

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Constructed in the early 1900's, the Beaver Bridge survives as one of three wire-cable suspension bridges documented in Arkansas (the other two suspension bridges are the Winkley Bridge, HAER No. AR-48 and the Sylamore Bridge). It was built during the Early Transportation Era: 1803-1922 by an unknown builder and is an outstanding 20th century example of its type. As such, it is nominated under Criteria A and C.

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SUPPLEMENTARY LISTING RECORD

NRIS Reference Number: 90000511

Date Listed: 4/9/90

Beaver Bridge
Property Name

Carroll
County

AK
State

Historic Bridges of Arkansas MPS
Multiple Name

This property is listed in the National Register of Historic Places in accordance with the attached nomination documentation subject to the following exceptions, exclusions, or amendments, notwithstanding the National Park Service certification included in the nomination documentation.


Signature of the Keeper

4/9/90
Date of Action

=====
Amended Items in Nomination:

This property is currently owned by the county, and therefore its ownership category should read, "Public-local."

Discussed and concurred in by Arkansas SHPO on April 9, 1990.

DISTRIBUTION:

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES
EVALUATION/RETURN SHEET

REQUESTED ACTION: NOMINATION

PROPERTY NAME: Beaver Bridge

MULTIPLE NAME: Historic Bridges of Arkansas MPS

STATE & COUNTY: ARKANSAS, Carroll

DATE RECEIVED: 2/23/90 DATE OF PENDING LIST: 3/06/90
DATE OF 16TH DAY: 3/22/90 DATE OF 45TH DAY: 4/09/90
DATE OF WEEKLY LIST:

REFERENCE NUMBER: 90000511 730

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 SLR

ABSTRACT/SUMMARY COMMENTS:

RECOM./CRITERIA Accept AC
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



BEAVER BRIDGE

BEAVER, ARKANSAS

PHOTOGRAPHER, MICHAEL SWANOA

MAY, 1989

NEGATIVE ON FILE AT AMPP

VIEW LOOKING EAST



BEAVER BRIDGE

BEAVER, ARKANSAS

PHOTOGRAPHER, MICHAEL SWANOA

MAY, 1989

NEGATIVE ON FILE AT AHPP

~~BEAVER~~ VIEW LOOKING NORTH



BEAVER BRIDGE

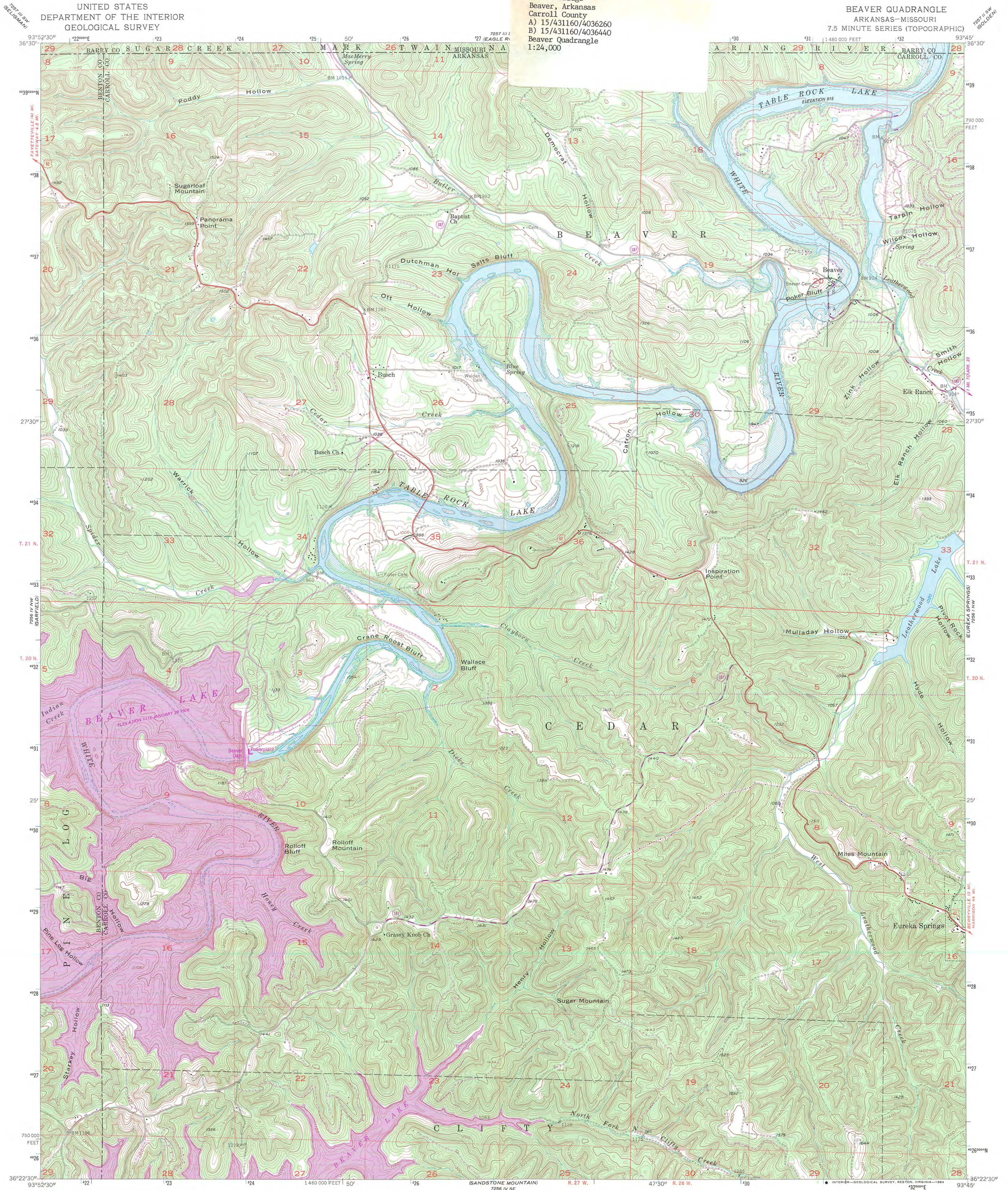
BEAVER, ARKANSAS

PHOTOGRAPHER, MICHAEL SWANDA

MAY, 1989

NEGATIVE ON FILE AT AHPP

DETAIL VIEW OF TOWER



Beaver Bridge
Beaver, Arkansas
Carroll County
A) 15/431160/4036260
B) 15/431160/4036440
Beaver Quadrangle
1:24,000

BEAVER QUADRANGLE
ARKANSAS-MISSOURI
7.5 MINUTE SERIES (TOPOGRAPHIC)

Mapped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and USCE
Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1957. Field check 1957
Polyconic projection. 1927 North American datum
10,000-foot grid based on Arkansas coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks,
zone 15, shown in blue
Unchecked elevations are shown in brown
Areas covered by dashed light-blue pattern are subject
to controlled inundation to 931 feet by Table Rock Dam
Revisions shown in purple compiled from aerial photographs
taken 1976. This information not field checked

To place on the predicted North American Datum 1983,
move the projection lines 4 meters south and
17 meters east as shown by dashed corner ticks
There may be private inholdings within the boundaries of
the National or State reservations shown on this map

1 1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 0.5 1 KILOMETER
CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
ARKANSAS GEOLOGICAL COMMISSION, LITTLE ROCK, ARKANSAS 72204
AND DIVISION OF GEOLOGY AND LAND SURVEY
MISSOURI DEPARTMENT OF NATURAL RESOURCES, ROLLA, MISSOURI 65401
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



ROAD CLASSIFICATION
Heavy-duty ——— Light-duty ———
Medium-duty ——— Unimproved dirt ———
U. S. Route ——— State Route ———

BEAVER, ARK.-MO.
N3622.5-W9345/7.5
1957
PHOTOREVISED 1976
AMS 7256 IV NE-SERIES V884