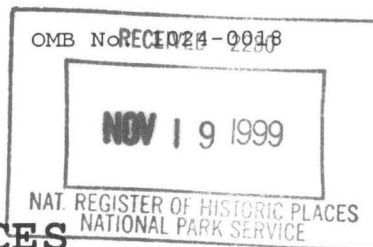


1575



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 for individual properties and districts. See instructions in *How to Complete the National Register of Historic Places Registration Form* (National Register Bulletin 16A). Complete each item by marking "x" in the appropriate box or by entering the information requested. If any item does not apply to the property being documented, enter "N/A" for "not applicable." For functions, architectural classification, materials, and areas of significance, enter only categories and subcategories from the instructions. Place additional entries and narrative items on continuation sheets (NPS Form 10-900a). Use a typewriter, word processor, or computer, to complete all items.

1. Name of Property

historic name North Watervliet Road/Paw Paw Lake Outlet Bridge
other names/site number _____

2. Location

street & number N. Watervliet Rd. over Paw Paw Lake Outlet
not for publication N/A
city or town Watervliet Township vicinity N/A
state Michigan code MI county Berrien code 021
zip code 49098

3. State/Federal Agency Certification

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. I recommend that this property be considered significant _____ nationally _____ statewide X locally. (_____ See continuation sheet for additional comments.)

Brian Conway
Signature of certifying official
Michigan State Historic Preservation Office
State or Federal agency and bureau

9/29/99
Date

In my opinion, the property _____ meets _____ does not meet the National Register criteria. (_____ See continuation sheet for additional comments.)

Signature of commenting or other official Date

State or Federal agency and bureau

4. 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 Keeper Date
of Action

5. Classification

Ownership of Property (Check as many boxes as apply)

☐ private

☒ public-local

☐ public-State

☐ public-Federal

Category of Property (Check only one box)

☐ building(s)

☐ district

☐ site

☒ structure

☐ object

Number of Resources within Property

Contributing

0

0

1

0

1

Noncontributing

0 buildings

0 sites

0 structures

0 objects

0 Total

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

Name of related multiple property listing (Enter "N/A" if property is not part of a multiple property listing.)

Historic Highway Bridges of Michigan, 1875-1948

6. Function or Use

Historic Functions (Enter categories from instructions)

Cat: TRANSPORTATION Sub: road-related (vehicular)

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Current Functions (Enter categories from instructions)

Cat: TRANSPORTATION Sub: road-related (vehicular)

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

7. Description

Architectural Classification (Enter categories from instructions)

OTHER: concrete deck arch bridge

Materials (Enter categories from instructions)

foundation (Substructure) CONCRETE

roof _____

walls _____

other (Superstructure) CONCRETE

Narrative Description (Describe the historic and current condition of the property on one or more continuation sheets.)

United States Department of the Interior
National Park Service

**NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET**

Section 7 Page 1 North Watervliet Road Bridge
name of property
Berrien County, Michigan
county and state

Description

The North Watervliet Road Bridge, a single span, concrete, filled-spandrel deck arch, is located slightly north of the city limits of Watervliet and just east of Paw Paw Lake in a rural residential area. The road curves sharply to the south of the bridge. The bridge serves local residents and people visiting Paw Paw Lake. The bridge features solid concrete parapet railings with six recesses on each side, and modern metal guard rails bolted to corners. Identical bridge plates appear at the north and south corners. The bridge's arch is barrel vaulted. The 40-foot span carries a 22-foot-wide roadway on a 24-foot-wide deck. Concrete wing walls are flared.

8. Statement of Significance

Applicable National Register Criteria (Mark "x" in one or more boxes for the criteria qualifying the property for National Register listing)

- ☐ A Property is associated with events that have made a significant contribution to the broad patterns of our history.
- ☐ B Property is associated with the lives of persons significant in our past.
- ☒ C Property embodies the distinctive characteristics of a type, period, or method of construction or represents the work of a master, or possesses high artistic values, or represents a significant and distinguishable entity whose components lack individual distinction.
- ☐ D Property has yielded, or is likely to yield information important in prehistory or history.

Criteria Considerations (Mark "X" in all the boxes that apply.)

- ☐ A owned by a religious institution or used for religious purposes.
- ☐ B removed from its original location.
- ☐ C a birthplace or a grave.
- ☐ D a cemetery.
- ☐ E a reconstructed building, object, or structure.
- ☐ F a commemorative property.
- ☐ G less than 50 years of age or achieved significance within the past 50 years.

Areas of Significance (Enter categories from instructions)

ENGINEERING

Period of Significance 1916

Significant Dates 1916

Significant Person (Complete if Criterion B is marked above)
N/A

Cultural Affiliation N/A

Architect/Builder Contractor/Builder: W.B. Rogers
Designer: Michigan State Highway Department

Narrative Statement of Significance (Explain the significance of the property on one or more continuation sheets.)

9. Major Bibliographical References

(Cite the books, articles, and other sources used in preparing this form on one or more continuation sheets.)

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

- ☐ State Historic Preservation Office
- ☒ Other State agency
- ☐ Federal agency
- ☐ Local government
- ☐ University
- ☐ Other

Name of repository: Michigan Department of Transportation

10. Geographical Data

Acreage of Property less than one acre

UTM References (Place additional UTM references on a continuation sheet)

	Zone	Easting	Northing		Zone	Easting	Northing
1	16	561910	4672900	3	—	—	—
2	—	—	—	4	—	—	—
<u> </u> See continuation sheet.							

Verbal Boundary Description (Describe the boundaries of the property on a continuation sheet.)

Boundary Justification (Explain why the boundaries were selected on a continuation sheet.)

United States Department of the Interior
National Park Service

**NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET**

Section 8 Page 1 North Watervliet Road Bridge
name of property
Berrien County, Michigan
county and state

Summary of Significance

The bridge is eligible for the National Register under Criterion C as a well-preserved, early example of a concrete arch bridge built according to a state highway department standard plan.

The bridge plates indicate that this structure was originally Trunk Line Bridge No. 57, built in 1916 by the state highway department. Although plans for the structure do not appear to survive, the design is based on a standard plan. The structure resembles the department's standard plan for a reinforced concrete arch published in the *Fifth Biennial Report* (1913-1914). It is very similar to a 31-foot span in Hillsdale County, Trunk Line Bridge No. 237, which is also eligible for the National Register. Contractor W. B. Rogers received \$5,269 for erecting the North Watervliet Road Bridge. A photograph of the completed structure appeared in the state highway's department's sixth biennial report, published in 1916.

The North Watervliet Road Bridge carried the West Michigan Pike, which paralleled the eastern shore of Lake Michigan from the Indiana border to the straits of Mackinac. Although this route helped promote tourism in western Michigan, archival research did not provide enough information to directly link the construction of the bridge with the tourism industry.

United States Department of the Interior
National Park Service

**NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET**

Section 9 Page 1 North Watervliet Road Bridge
name of property
Berrien County, Michigan
county and state

Bibliography

Published Sources

Conger, Louis H., ed. *Tourist Guide of the West Michigan Pike*.
Muskegon, MI: West Michigan Pike Association, 1922.

Michigan State Highway Department. *Fifth, Sixth, Seventh and
Eleventh Biennial Report*. N.p., 1914, 1916, 1918 and 1926.

Archival Sources

Bridge Database. Michigan Department of Transportation, Lansing.

Bridge File (Conditions Reports -- 1992, 1994). Berrien County
Road Commission, Benton Harbor.

United States Department of the Interior
National Park Service

**NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET**

Section 10 Page 1 North Watervliet Road Bridge
name of property
Berrien County, Michigan
county and state

Verbal Boundary Description

The general area of the nominated property is a rectangle 24 feet wide, whose long center axis parallels the centerline of the bridge. The property is bounded at each end by the outer edges of the abutments.

Boundary Justification

Based on measurements provided by the Michigan Department of Transportation, the boundaries enclose the entire historic resource.

United States Department of the Interior
National Park Service

**NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET**

Section 10 Page 2 North Watervliet Road Bridge
name of property
Berrien County, Michigan
county and state

Index to Photographs

Photographer: Chad J. Perkins, Hess Roise and Company
Date: 22 July 1995
Negatives: Michigan Department of Transportation, Lansing.

- No. 1 Southwest approach. View to northeast.
No. 2 Southeast elevation. View to west.

11. Form Prepared By

name/title Chad J. Perkins and Charlene K. Roise, Historians
organization Hess, Roise and Company
street & number The Foster House, 100 North First Street
city or town Minneapolis state MN zip code 55401
telephone (612) 338-1987
date January 1998

Additional Documentation

Submit the following items with the completed form:

Continuation Sheets

Maps

A USGS map (7.5 or 15 minute series) indicating the property's location.

A sketch map for historic districts and properties having large acreage or numerous resources.

Photographs

Representative black and white photographs of the property.

Additional items (Check with the SHPO or FPO for any additional items)

Property Owner

(Complete this item at the request of the SHPO or FPO.)

name Robert Forker, Jr., Chair, Berrien County Road Commission
street & number 2860 E. Napier Avenue, P.O. Box 768
telephone (626) 925-1196
city or town Benton Harbor state MI zip code 49023-0768

Paperwork Reduction Act Statement: This information is being collected for applications to the National Register of Historic Places to nominate properties for listing or determine eligibility for listing, to list properties, and to amend existing listings. Response to this request is required to obtain a benefit in accordance with the National Historic Preservation Act, as amended (16 U.S.C. 470 et seq.). Estimated Burden Statement: Public reporting burden for this form is estimated to average 18.1 hours per response including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding this burden estimate or any aspect of this form to the Chief, Administrative Services Division, National Park Service, P.O. Box 37127, Washington, DC 20013-7127; and the Office of Management and Budget, Paperwork Reductions Project (1024-0018), Washington, DC 20503.

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES
EVALUATION/RETURN SHEET

REQUESTED ACTION: NOMINATION

PROPERTY North Watervliet Road--Paw Paw Lake Outlet Bridge
NAME:

MULTIPLE Highway Bridges of Michigan MPS
NAME:

STATE & COUNTY: MICHIGAN, Berrien

DATE RECEIVED: 11/19/99 DATE OF PENDING LIST: 12/01/99
DATE OF 16TH DAY: 12/17/99 DATE OF 45TH DAY: 1/03/00
DATE OF WEEKLY LIST:

REFERENCE NUMBER: 99001575

REASONS FOR REVIEW:

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

COMMENT WAIVER: N

☒ ACCEPT ☐ RETURN ☐ REJECT 12/17/99 DATE

ABSTRACT/SUMMARY COMMENTS:

Entered in the
National Register

RECOM./CRITERIA _____

REVIEWER _____ DISCIPLINE _____

TELEPHONE _____ DATE _____

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

Highway Bridges of Michigan MPS
North Waterliet Road -- Paw Paw Lake Outlet
99001575

Photo 2



North Watervliet Road Bridge, Coloma Township, Berrien County, Michigan

Chad J. Perkins Photographer

July 1995

BOMH

SE Elevation, Facing W

9227-1B

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

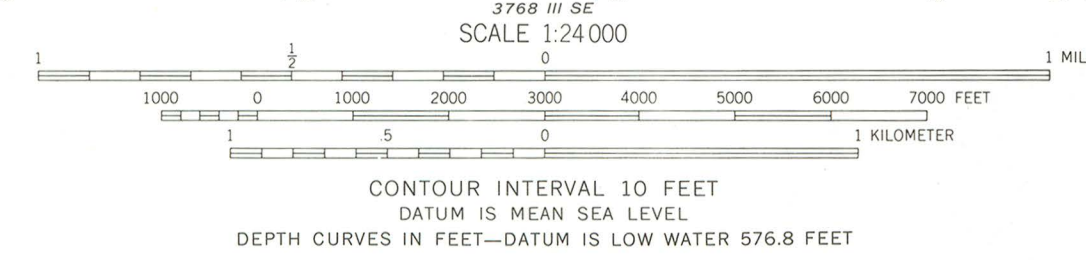
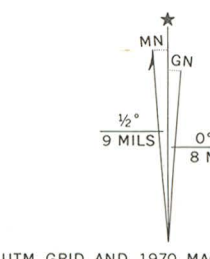
STATE OF MICHIGAN

COLOMA QUADRANGLE
MICHIGAN
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE 1/4 BENTON HARBOR 15' QUADRANGLE



NORTH WATERVLIET
ROADS BRIDGE, WATERVLIET,
BERRIEN CO., MI
UTM REFERENCE:
16/561910/4672900

Mapped, edited, and published by the Geological Survey
in cooperation with State of Michigan agencies
Control by USGS and USC&GS
Topography by photogrammetric methods from aerial
photographs taken 1969. Field checked 1970
Selected hydrographic data compiled from U.S. Lake Survey
Chart 75 (1969). This information is not intended
for navigational purposes
Polyconic projection. 1927 North American datum
10,000-foot grid based on Michigan coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks,
zone 16, shown in blue
Fine red dashed lines indicate selected fence and field lines where
generally visible on aerial photographs. This information is unchecked



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
AND GEOLOGICAL SURVEY DIVISION
MICHIGAN DEPARTMENT OF NATURAL RESOURCES, LANSING, MICHIGAN 48909
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Map photorevised 1978
No major culture or drainage changes observed

Primary highway,
hard surface
Secondary highway,
hard surface
Unimproved road
Interstate Route
U.S. Route
State Route



COLOMA, MICH.
NE 1/4 BENTON HARBOR 15' QUADRANGLE
N4207.5-W8615.7/5
PHOTOINSPECTED 1978
1970

AMS 3788 III NE-SERIES V862