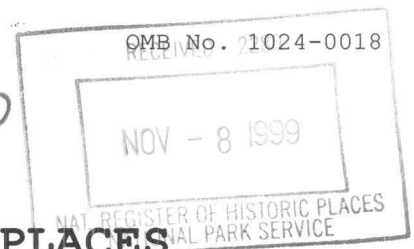


United States Department of the Interior
National Park Service



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 Trunk Line Bridge No. 1
other names/site number Peshekee River Bridge

2. Location

street & number Old US-41 over Peshekee River
not for publication N/A
city or town Michigamme Township vicinity N/A
state Michigan code MI county Marquette code 103
zip code 56359

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 x statewide locally. (See continuation sheet for additional comments.)

[Signature] Signature of certifying official 9.29.99 Date
Michigan State Historic Preservation Office
State or Federal agency and bureau

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:

Elson H. Beall

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):

per

12/17/99

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	Noncontributing
<u>0</u>	<u>0</u> buildings
<u>0</u>	<u>0</u> sites
<u>1</u>	<u>0</u> structures
<u>0</u>	<u>0</u> objects
<u>1</u>	<u>0</u> 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: VACANT/NOT IN USE Sub: _____

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

7. Description

Architectural Classification (Enter categories from instructions)

OTHER: concrete through girder 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.)

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

TRANSPORTATION

Period of Significance 1914

Significant Dates 1914

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

Cultural Affiliation N/A

Architect/Builder Contractor/Builder: Powell and Mitchell
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	<u>16</u>	<u>423020</u>	<u>5153020</u>	3	<u> </u>	<u> </u>
2	<u> </u>	<u> </u>	<u> </u>	4	<u> </u>	<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 Trunk Line Bridge No. 1
name of property
Marquette County, Michigan
county and state

Summary of Significance

The Trunk Line Bridge No. 1 in Marquette County is technologically significant as the prototype for this important design. It is also historically significant as the first trunk line bridge designed by the state highway department and as a pivotal crossing on one of the Upper Peninsula's most important routes. Although deteriorated, the Trunk Line Bridge No. 1 is today distinguished as one of Michigan's most important vehicular bridges. As such, it is eligible for listing in the National Register under Criteria A and C.

In 1913 the Michigan State Legislature passed the State Trunk Line Act, which authorized the designation of a trunk-line network totaling nearly 3,000 miles. The act stipulated that the state highway department would design, build and maintain trunk line bridges spanning 30 feet or more, if the county or local government improved three miles of adjacent road. Soon after its passage, a mainline route across Marquette County was designated. The route extended from Marquette, the county seat, westward through Negaunee and Ishpeming to Michigamme on the Baraga County line. Near Michigamme it crossed the Peshekee River. To entice the state highway department to build a bridge here, the Marquette County Road Commission built a three-mile stretch of the road in 1913. The department approved the bridge and turned its design over to MSHD Bridge Engineer C.V. Dewart.

For the crossing, Dewart delineated this large-scale concrete bridge, designating it as Trunk Line Bridge No. 1. The structure would be massive, extending 240 feet and consuming some 600 cubic yards of concrete. It featured, according to MSHD, "reinforced concrete construction throughout, in which all steel is bedded in concrete, which makes an absolutely permanent structure." The department hired contractors Powell and Mitchell of Marquette to build the structure. They completed it in 1914 for a total cost

United States Department of the Interior
National Park Service

**NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET**

Section 7 Page 1 Trunk Line Bridge No. 1
name of property
Marquette County, Michigan
county and state

Description

This multiple-span concrete bridge is located in the Champion Beach County Park, about five miles east of the village of Michigamme. The structure carries an abandoned segment of US-41 over the Peshekee River. It is situated between the current highway bridge (to the north) and the steel plate girder bridge of the Soo Line Railroad (to the south). Built in 1914 by the Michigan State Highway Department, the bridge is comprised of a six 40-foot concrete through girders, carried by full-height concrete abutments and solid concrete piers with bullnosed cutwaters. The bridge illustrates prototypical MSHD design and detailing, with two straight girders that carry the concrete slab deck. The modest architectural expression is provided by recessed rectangular panels in the girder walls, which are capped with heavy concrete copings. Cast into the guardrails on both sides is "State Trunk Line Bridge 1914." Although unaltered, the bridge has experienced severe concrete spalling, and its deck is currently overgrown with grass.

United States Department of the Interior
National Park Service

**NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET**

Section 8 Page 2 Trunk Line Bridge No. 1
name of property
Marquette County, Michigan
county and state

of \$11,129.70. The trunk line was later incorporated into US-41, and this bridge carried increasingly heavy traffic until its subsequent abandonment in a highway re-alignment. Today it stands deteriorating and overgrown in a county park.

The concrete through girder that MSHD built here in 1914 used a design that the agency had just developed as a medium-span standard. During the 1910s and 1920s, the highway department delineated straight girders in five-foot increments between 30 and 50 feet for use in a wide variety of applications. "The reinforced concrete through girder is the design generally employed for spans from thirty to fifty feet in both the eighteen and twenty-foot clear roadway from curb to curb," MSHD stated in its *Seventh Biennial Report*. "This design lends itself in the majority of cases on account of its very shallow floor system, thereby giving the waterway a maximum clearance under elevation of roadway crossing the bridge." By 1930 the through girder had largely fallen out of favor with the state and county highway departments, but before it was discontinued, perhaps hundreds of these utilitarian structures were built throughout Michigan. The Trunk Line Bridge No. 1 is distinguished as the prototype for this important structural type.

United States Department of the Interior
National Park Service

**NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET**

Section 9 Page 1 Trunk Line Bridge No. 1
name of property
 Marquette County, Michigan
county and state

Bibliography

Unpublished Sources

Michigan State Highway Department. "Map Showing State Reward Bridges of Michigan, Upper Peninsula," 1915-16.

Sawyer, K.I. "History of Marquette County Highway System," presented at Marquette County Historical Society meeting, 11 October 1937. Typewritten manuscript located at Marquette County Historical Society, Marquette.

Published Sources

Michigan State Highway Department. *Fifth Biennial Report*, 1913-1914.

Archival Sources

Bridge Database. Michigan Department of Transportation, Lansing.

United States Department of the Interior
National Park Service

**NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET**

Section 10 Page 1 Trunk Line Bridge No. 1
name of property
Marquette County, Michigan
county and state

Verbal Boundary Description

The general area of the nominated property is a rectangle 16 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 Trunk Line Bridge No. 1
name of property
Marquette County, Michigan
county and state

Index to Photographs

Photographer: Clayton Fraser, Fraserdesign
Date: 18 September 1995
Negatives: Michigan Department of Transportation, Lansing
No. 1 Southeast approach. View to northwest.
No. 2 Southwest elevation. View to north.

11. Form Prepared By

name/title Clayton B. Fraser, Principal
organization Fraserdesign
street & number P.O. Box 6025
city or town Loveland state CO zip code 80537
telephone (970) 669-7969
date November 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 Marquette County Road Commission
street & number P.O. Box 10
telephone (906) 486-4491
city or town Ishpeming state MI zip code 49849

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 Truck Line Bridge No. 1
NAME:

MULTIPLE Highway Bridges of Michigan MPS
NAME:

STATE & COUNTY: MICHIGAN, Marquette

DATE RECEIVED: 11/08/99 DATE OF PENDING LIST: 11/23/99
DATE OF 16TH DAY: 12/09/99 DATE OF 45TH DAY: 12/23/99
DATE OF WEEKLY LIST:

REFERENCE NUMBER: 99001530

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

Trunk line Bridge No. 1

99001530



Trunkline Bridge #1 Peshekee River Bridge
Old US-41 Over Peshekee River
Marquette County, Michigan

Clayton Fraser

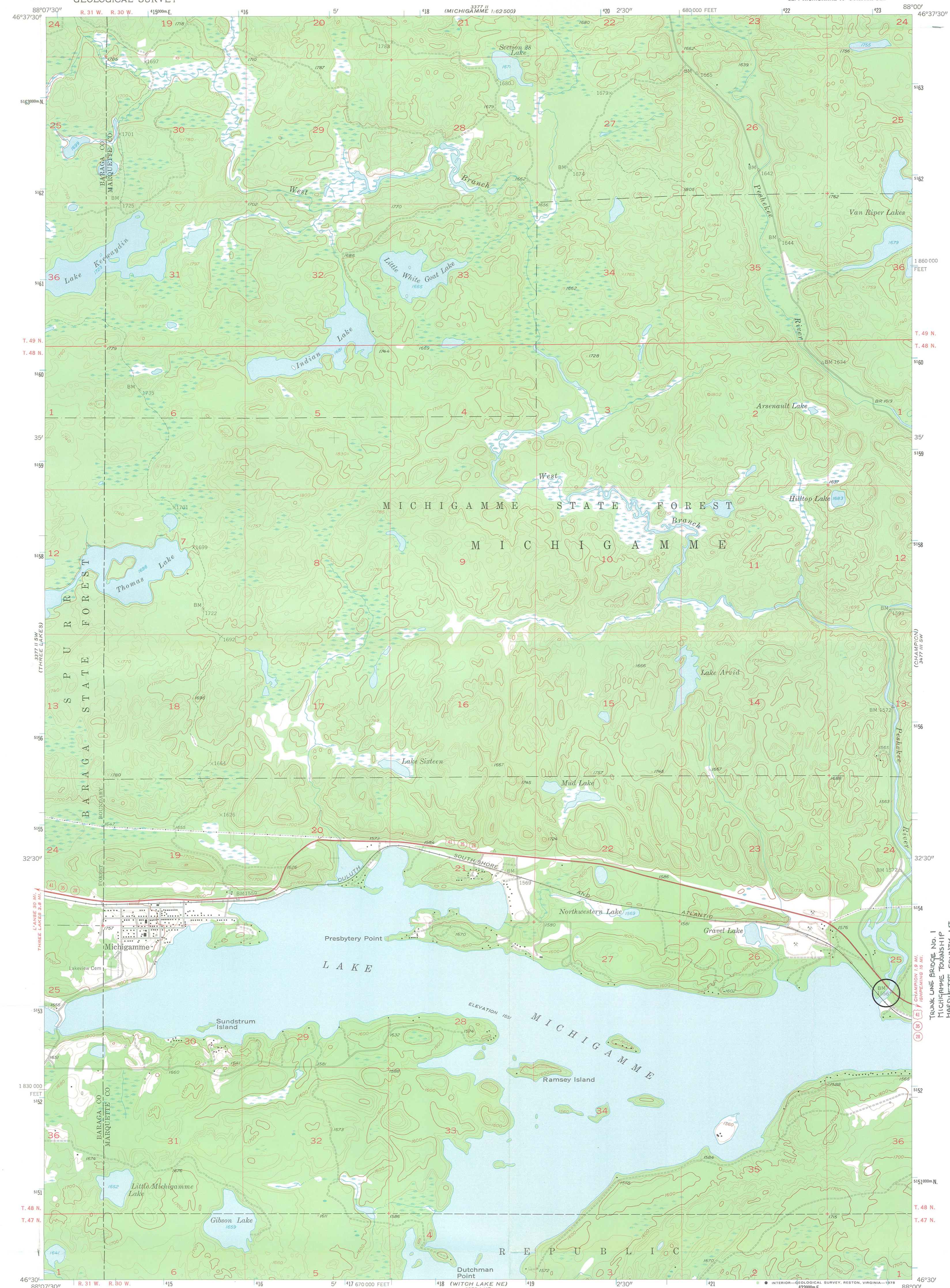
18 - September 1995

MISHPO

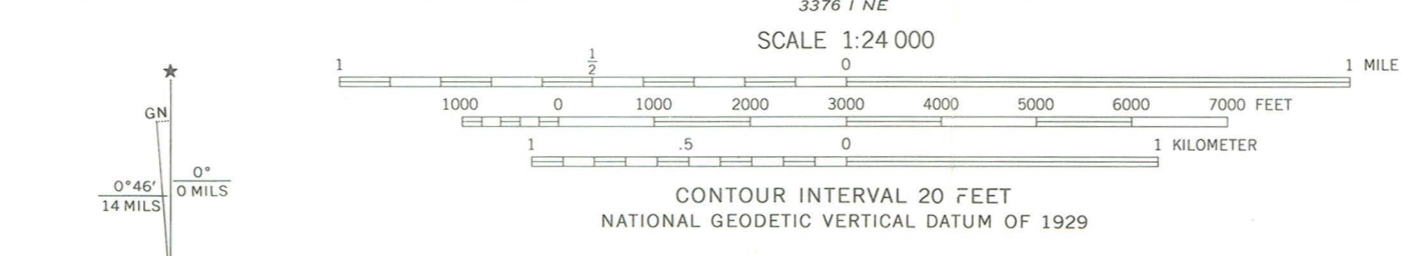
Southwest elevation, view to north

3377 II
1:62,500

3377 II
1:62,500



Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1951-1952. Field check 1956
Polyconic projection. 1927 North American datum
10,000-foot grid based on Michigan coordinate system, west zone
1000-meter Universal Transverse Mercator grid ticks,
zone 16, shown in blue
Unchecked elevations are shown in brown



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

MICHIGAMME, MICH.
SE 1/4 MICHIGAMME 15' QUADRANGLE
N 4630-W 8800/7.5
1956
AMS 3377 II SE-SERIES V862

TRUNK LINE BRIDGE No. 1
MICHIGAMME TOWNSHIP
HAWQUETTE COUNTY MI
UTM: 16/43020/5193020

3377 II
1:62,500