

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.
 Form Interface Design: www.historicbridges.org. Data Conversion Assistance By www.bridgehunter.com. None of the involved parties make any guarantee of accuracy.

Basic Information

Michigan [26]	Gogebic County [053]	Marenisco [51560]	3.2 MI S OF MARENISCO	46-20-41 = 46.344722	089-42-36 = - 89.710000
27127031000B010	Highway agency district 1	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 64	M-64	Toll On free road [3]	Features intersected	W BR BIG PRESQUE ISLE RV	
Design - main Concrete [1]	Design - approach	Kilometerpoint 983.3 km = 609.6 mi	Year built 1928	Year reconstructed N/A [0000]	
1	Girder and floorbeam system [03]	0	Other [00]	Skew angle 0	Structure Flared
			Historical significance	Bridge is not eligible for the NRHP. [5]	
Total length 18.2 m = 59.7 ft	Length of maximum span 18.2 m = 59.7 ft	Deck width, out-to-out 8.1 m = 26.6 ft	Bridge roadway width, curb-to-curb	7 m = 23.0 ft	
Inventory Route, Total Horizontal Clearance 7 m = 23.0 ft	Curb or sidewalk width - left 0.1 m = 0.3 ft	Curb or sidewalk width - right	0.1 m = 0.3 ft		
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Bituminous [6]				
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 9.7 km = 6.0 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	28.2 metric ton = 31.0 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	70.9 metric ton = 78.0 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	M 13.5 / H 15 [2]	

Functional Details

Average Daily Traffic	636	Average daily truck traffi	9	%	Year	2007	Future average daily traffic	235	Year	2018
Road classification	Major Collector (Rural) [07]		Lanes on structure	2		Approach roadway width	10.1 m = 33.1 ft			
Type of service on bridge	Highway [1]		Direction of traffic	2 - way traffic [2]		Bridge median				
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Waterway [5]		Lanes under structure	0		Navigation control				
Navigation vertical clearanc	0 = N/A		Navigation horizontal clearance	0 = N/A						
Minimum navigation vertical clearance, vertical lift bridge			Minimum vertical clearance over bridge roadway	99.99 m = 328.1 ft						
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]									
Minimum lateral underclearance on right	99.9 = Unlimited				Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	0 = N/A		Minimum vertical underclearance reference feature	Feature not a highway or railroad [N]						
Appraisal ratings - underclearances	N/A [N]									

Repair and Replacement Plans

Type of work to be performed	Work done by	Work to be done by contract [1]		
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	278000	Roadway improvement cost	24000
	Length of structure improvement	18.3 m = 60.0 ft	Total project cost	278000
	Year of improvement cost estimate			
	Border bridge - state		Border bridge - percent responsibility of other state	
	Border bridge - structure number			

Inspection and Sufficiency

Structure status	<input type="text" value="Open, no restriction [A]"/>	Appraisal ratings - structural	<input type="text" value="Equal to present minimum criteria [6]"/>
Condition ratings - superstructure	<input type="text" value="Satisfactory [6]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Better than present minimum criteria [7]"/>
Condition ratings - substructure	<input type="text" value="Satisfactory [6]"/>	Appraisal ratings - deck geometry	<input type="text" value="Meets minimum tolerable limits to be left in place as is [4]"/>
Condition ratings - deck	<input type="text" value="Satisfactory [6]"/>		

Scour	<input type="text" value="Bridge is scour critical; bridge foundations determined to be unstable. [3]"/>
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Channel and channel protection	<input type="text" value="Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8]"/>
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Appraisal ratings - water adequacy	<input type="text" value="Equal to present minimum criteria [6]"/>	Status evaluation	<input type="text"/>
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Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="75.7"/>
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Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>
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Traffic safety features - railings	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>
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Traffic safety features - transitions	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>
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Traffic safety features - approach guardrail	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>
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Traffic safety features - approach guardrail ends	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>
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Inspection date	<input type="text" value="August 2009 [0809]"/>	Designated inspection frequency	<input type="text" value="24"/>	Months
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Underwater inspection	<input type="text" value="Not needed [N]"/>	Underwater inspection date	<input type="text"/>
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Fracture critical inspection	<input type="text" value="Not needed [N]"/>	Fracture critical inspection date	<input type="text"/>
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Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>
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