

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]	Schoolcraft County [153]	Manistique [50760]	IN MANISTIQUE	45-57-42 = 45.961667	086-14-58 = - 86.249444		
75175022000B010	Highway agency district 1	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]			
Route 94	M-94	Toll On free road [3]	Features intersected	MANISTIQUE RIVER			
Design - main	Concrete continuous [2]	Design - approach	Concrete continuous [2]	Kilometerpoint	818.5 km = 507.5 mi		
5	Slab [01]	3	Tee beam [04]	Year built	1918	Year reconstructed	2004
				Skew angle	0	Structure Flared	
				Historical significance	Bridge is not eligible for the NRHP. [5]		
Total length	90.2 m = 295.9 ft	Length of maximum span	13.4 m = 44.0 ft	Deck width, out-to-out	20.1 m = 65.9 ft	Bridge roadway width, curb-to-curb	12.8 m = 42.0 ft
Inventory Route, Total Horizontal Clearance	18.9 m = 62.0 ft	Curb or sidewalk width - left	3 m = 9.8 ft	Curb or sidewalk width - right	3 m = 9.8 ft		
Deck structure type	Concrete Cast-in-Place [1]						
Type of wearing surface	Bituminous [6]						
Deck protection							
Type of membrane/wearing surface	Other [9]						

Weight Limits				
Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	74.4 metric ton = 81.8 tons
19.8 km = 12.3 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	79.1 metric ton = 87.0 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	M 13.5 / H 15 [2]

### Functional Details

Average Daily Traffic	10220	Average daily truck traffi	3	%	Year	2007	Future average daily traffic	10633	Year	2018
Road classification	Minor Arterial (Rural) [06]	Lanes on structure	4		Approach roadway width	12.8 m = 42.0 ft				
Type of service on bridge	Highway-pedestrian [5]	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]								
Bridge deck replacement with only incidental widening. [37]	Bridge improvement cost	149000	Roadway improvement cost	15000						
	Length of structure improvement	90.2 m = 295.9 ft		Total project cost	175000					
	Year of improvement cost estimate									
	Border bridge - state				Border bridge - percent responsibility of other state					
	Border bridge - structure number									

## Inspection and Sufficiency

Structure status	Open, no restriction [A]	Appraisal ratings - structural	Equal to present desirable criteria [8]
Condition ratings - superstructure	Very Good [8]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Very Good [8]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Good [7]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly. [6]		
Appraisal ratings - water adequacy	Equal to present desirable criteria [8]	Status evaluation	
Pier or abutment protection		Sufficiency rating	61
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - transitions	Not applicable or a safety feature is not required. [N]		
Traffic safety features - approach guardrail	Not applicable or a safety feature is not required. [N]		
Traffic safety features - approach guardrail ends	Not applicable or a safety feature is not required. [N]		
Inspection date	October 2009 [1009]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	