

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]	Presque Isle County [141]	North Allis [57940]	5.5 MI. N. OF ONAWAY	45-26-46 = 45.446111	084-12-59 = - 84.216389
71200014000B010	Highway agency district: 2	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 7107	HWY. 489	Toll On free road [3]	Features intersected	RAINY RIVER	
Design - main Steel [3]	Design - approach	Kilometerpoint 175.3 km = 108.7 mi	Year built 1939	Year reconstructed N/A [0000]	
3	Stringer/Multi-beam or girder [02]	0	Other [00]	Skew angle 22	Structure Flared
			Historical significance	Bridge is not eligible for the NRHP. [5]	
Total length 33.2 m = 108.9 ft	Length of maximum span 21.3 m = 69.9 ft	Deck width, out-to-out 9 m = 29.5 ft	Bridge roadway width, curb-to-curb	7 m = 23.0 ft	
Inventory Route, Total Horizontal Clearance 7.3 m = 24.0 ft	Curb or sidewalk width - left 0.7 m = 2.3 ft	Curb or sidewalk width - right	0.7 m = 2.3 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 3.5 km = 2.2 mi	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	14 metric ton = 15.4 tons
	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	39 metric ton = 42.9 tons
Bridge posting	20.0 - 29.9 % below [2]		Design Load	M 13.5 / H 15 [2]

### Functional Details

Average Daily Traffic	1375	Average daily truck traffi	0	%	Year	2007	Future average daily traffic	1900	Year	2027
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	1000	Roadway improvement cost	0						
	Length of structure improvement	33.2 m = 108.9 ft		Total project cost	1000					
	Year of improvement cost estimate	2011								
	Border bridge - state				Border bridge - percent responsibility of other state					
	Border bridge - structure number									

## Inspection and Sufficiency

Structure status	<input type="text" value="Posted for load [P]"/>	Appraisal ratings - structural	<input type="text" value="Meets minimum tolerable limits to be left in place as is [4]"/>
Condition ratings - superstructure	<input type="text" value="Poor [4]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Better than present minimum criteria [7]"/>
Condition ratings - substructure	<input type="text" value="Poor [4]"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of corrective action [3]"/>
Condition ratings - deck	<input type="text" value="Fair [5]"/>		
Scour	<input [u]"="" been="" evaluated="" for="" foundation="" has="" not="" scour.="" that="" type="text" unknown\"="" value="Bridge with \"/>		
Channel and channel protection	<input type="text" value="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	<input type="text" value="Equal to present desirable criteria [8]"/>	Status evaluation	<input type="text" value="Structurally deficient [1]"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="12.3"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text"/>		
Traffic safety features - transitions	<input type="text"/>		
Traffic safety features - approach guardrail	<input type="text"/>		
Traffic safety features - approach guardrail ends	<input type="text"/>		
Inspection date	<input type="text" value="March 2007 [0307]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Not needed [N]"/>	Underwater inspection date	<input type="text"/>
Fracture critical inspection	<input type="text" value="Not needed [N]"/>	Fracture critical inspection date	<input type="text"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>