

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	Alger County	Limestone	1 MI W OF TRENARY	46.195833	-86.990556
02304A00003B010	Highway agency district: 1	Owner County Highway Agency	Maintenance responsibility County Highway Agency		
Route 0	ARMOUR SAARI ROAD	Toll On free road	Features intersected WHITEFISH RIVER		
Design - main Steel	Design - approach	Kilometerpoint 3.1	Year built 1938	Year reconstructed N/A	
1	Truss - Thru	0	Other	Skew angle 0	Structure Flared
				Historical significance	Bridge is on the NRHP.
Total length 65	Length of maximum span 63	Deck width, out-to-out 17.7	Bridge roadway width, curb-to-curb 16.1		
Inventory Route, Total Horizontal Clearance 15.7	Curb or sidewalk width - left 0	Curb or sidewalk width - right 0			
Deck structure type	Wood or Timber				
Type of wearing surface	Wood or Timber				
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 0.2	Method to determine inventory rating Load Factor(LF)	Inventory rating 8.3
	Method to determine operating rating Load Factor(LF)	Operating rating 13.6
Bridge posting	Design Load	

Functional Details

Average Daily Traffic Average daily truck traffic % Year Future average daily traffic Year

Road classification Lanes on structure Approach roadway width Bridge median

Type of service on bridge Direction of traffic

Parallel structure designation

Type of service under bridge Lanes under structure

Navigation vertical clearance Navigation control Navigation horizontal clearance

Minimum navigation vertical clearance, vertical lift bridge Minimum vertical clearance over bridge roadway

Minimum lateral underclearance reference feature

Minimum lateral underclearance on right Minimum lateral underclearance on left

Minimum Vertical Underclearance Minimum vertical underclearance reference feature

Appraisal ratings - underclearances

Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost Roadway improvement cost

Length of structure improvement Total project cost

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="Posted for load"/>	Appraisal ratings - structural	<input type="text" value="Basically intolerable requiring high priority of replacement"/>
Condition ratings - superstructure	<input type="text" value="Good"/>	Appraisal ratings - roadway alignment	<input type="text" value="Better than present minimum criteria"/>
Condition ratings - substructure	<input type="text" value="Good"/>	Appraisal ratings - deck geometry	<input type="text" value="N/A"/>
Condition ratings - deck	<input type="text" value="Good"/>		

Scour

Channel and channel protection

Appraisal ratings - water adequacy	<input type="text" value="Better than present minimum criteria"/>	Status evaluation	<input type="text" value="Structurally deficient"/>
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Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="48.1"/>
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Culverts

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 Designated inspection frequency

Underwater inspection	<input type="text" value="Not needed"/>	Underwater inspection date	<input type="text"/>
Fracture critical inspection	<input type="text" value="Not needed"/>	Fracture critical inspection date	<input type="text"/>
Other special inspection	<input type="text" value="Not needed"/>	Other special inspection date	<input type="text"/>