

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]	Wayne County [163]	Detroit [22000]	BELLE ISLE	42-20-11 = 42.336389	082-59-40 = - 82.994444
825180801056B01	Highway agency district 7	Owner City or Municipal Highway Agency [04]	Maintenance responsibility City or Municipal Highway Agency [04]		
Route 0	CENTRAL	Toll On free road [3]	Features intersected CANOE STREAM		
Design - main 1	Prestressed concrete [5]	Design - approach 0	Other [00]	Kilometerpoint 6.8 km = 4.2 mi	Year built 1947
	Box beam or girders - Multiple [05]			Year reconstructed 2008	Skew angle 0
				Structure Flared	Historical significance Bridge is on the NRHP. [1]
Total length 16.7 m = 54.8 ft	Length of maximum span 15.2 m = 49.9 ft	Deck width, out-to-out 22.5 m = 73.8 ft	Bridge roadway width, curb-to-curb 14.9 m = 48.9 ft		
Inventory Route, Total Horizontal Clearance 14.6 m = 47.9 ft	Curb or sidewalk width - left 3.8 m = 12.5 ft	Curb or sidewalk width - right 3.8 m = 12.5 ft			
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Integral Concrete (separate non-modified layer of concrete added to structural deck) [2]				
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 0.3 km = 0.2 mi	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	16 metric ton = 17.6 tons
	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	19 metric ton = 20.9 tons
Bridge posting			Design Load	MS 18+Mod / HS 20+Mod [6]

Functional Details

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

Road classification Lanes on structure Approach roadway width

Type of service on bridge Direction of traffic Bridge median

Parallel structure designation

Type of service under bridge Lanes under structure Navigation control

Navigation vertical clearanc 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	Posted for load [P]	Appraisal ratings - structural	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Excellent [9]	Appraisal ratings - roadway alignment	Better than present minimum criteria [7]
Condition ratings - substructure	Excellent [9]	Appraisal ratings - deck geometry	Superior to present desirable criteria [9]
Condition ratings - deck	Excellent [9]		
Scour	Countermeasures have been installed to mitigate an existing problem with scour. [7]		
Channel and channel protection	There are no noticeable or noteworthy deficiencies which affect the condition of the channel. [9]		
Appraisal ratings - water adequacy	Better than present minimum criteria [7]	Status evaluation	
Pier or abutment protection		Sufficiency rating	70.3
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	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends			
Inspection date	June 2009 [0609]	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	