

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]	Eaton County [045]	Chester [15260]	6.4 MI NW OF CHARLOTTE	42-38-18 = 42.638333	084-52-55 = - 84.881944
23123052000B010	Highway agency district 6	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 50	M-50	Toll On free road [3]	Features intersected	LITTLE THORNAPPLE RIVER	
Design - main Steel [3]	Design - approach	Kilometerpoint 2101.5 km = 1302.9 mi	Year built 1931	Year reconstructed N/A [0000]	
1	Stringer/Multi-beam or girder [02]	0	Other [00]	Skew angle 38	Structure Flared
			Historical significance	Bridge is not eligible for the NRHP. [5]	
Total length 10.6 m = 34.8 ft	Length of maximum span 10.6 m = 34.8 ft	Deck width, out-to-out 14.1 m = 46.3 ft	Bridge roadway width, curb-to-curb	12.2 m = 40.0 ft	
Inventory Route, Total Horizontal Clearance 13.1 m = 43.0 ft	Curb or sidewalk width - left 0.4 m = 1.3 ft	Curb or sidewalk width - right	0.4 m = 1.3 ft		
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Bituminous [6]				
Deck protection					
Type of membrane/wearing surface	Preformed Fabric [2]				

Weight Limits

Bypass, detour length 0.5 km = 0.3 mi	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	30.3 metric ton = 33.3 tons
	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	50.6 metric ton = 55.7 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	M 13.5 / H 15 [2]	

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	<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="Equal to present desirable criteria [8]"/>
Condition ratings - substructure	<input type="text" value="Satisfactory [6]"/>	Appraisal ratings - deck geometry	<input type="text" value="Equal to present minimum criteria [6]"/>
Condition ratings - deck	<input type="text" value="Satisfactory [6]"/>		
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="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>	Status evaluation	<input type="text"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="92.4"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - transitions	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail ends	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Inspection date	<input type="text" value="June 2009 [0609]"/>	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"/>