

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.
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Basic Information	
Michigan [26]	Saginaw County [145]
Chesaning [15140]	IN CHESANING
73173021000B020	Highway agency district 4
Owner State Highway Agency [01]	Maintenance responsibility State Highway Agency [01]
Route 57	M-57
Toll On free road [3]	Features intersected SHIAWASSEE RIVER
Design - main Steel [3]	Design - approach
2	Stringer/Multi-beam or girder [02]
0	Other [00]
Kilometerpoint 2093.1 km = 1297.7 mi	Year built 1930
Year reconstructed N/A [0000]	Skew angle 20
Structure Flared	Historical significance Bridge is not eligible for the NRHP. [5]
Total length 42.9 m = 140.8 ft	Length of maximum span 21.4 m = 70.2 ft
Deck width, out-to-out 16.8 m = 55.1 ft	Bridge roadway width, curb-to-curb 12.2 m = 40.0 ft
Inventory Route, Total Horizontal Clearance 15.9 m = 52.2 ft	Curb or sidewalk width - left 1.8 m = 5.9 ft
	Curb or sidewalk width - right 1.8 m = 5.9 ft
Deck structure type Concrete Cast-in-Place [1]	
Type of wearing surface Epoxy Overlay [5]	
Deck protection	
Type of membrane/wearing surface	

Weight Limits	
Bypass, detour length 1 km = 0.6 mi	Method to determine inventory rating Allowable Stress(AS) [2]
	Inventory rating 28.2 metric ton = 31.0 tons
	Method to determine operating rating Allowable Stress(AS) [2]
	Operating rating 64.5 metric ton = 71.0 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	Open, no restriction [A]	Appraisal ratings - structural	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Fair [5]		
Scour	Bridge is scour critical; bridge foundations determined to be unstable. [3]		
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	58.2
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions			
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends			
Inspection date	March 2008 [0308]	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	Every two years [Y24]	Other special inspection date	September 2005 [0905]