HistoricBridges.org - National Bridge Inventory Data Sheet

2000 Inventory

The National Bridge Inventory contains data submitted by state transportion 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]	Ingham County [065]	Leroy [47080]	2.MILES NW OF WEBBERVILLE	00-00-00 = 0.000000	000-00-00 = -0.000000

33200104000B010	Highway agency district: 6	Owner: County Highway Agency [02]	Maintenance responsibility: County Highway Agency [02]		
Route: 0		WEBBERVILLE ROAD	Toll: On free road [3]	Features intersected: RED CEDAR RIVER	

Design - main	Steel continuous [4]	Design - approach		Kilometerpoint: 0 km = 0.0 mi	
3	Stringer/Multi-beam or girder [02]	0	Other [00]	Year built: 1955	Year reconstructed: N/A [0000]
				Skew angle: 23	Structure Flared:
				Historical significance: Bridge is not eligible for the NRHP. [5]	

Total length: 36.5 m = 119.8 ft	Length of maximum span: 15.2 m = 49.9 ft	Deck width, out-to-out: 9 m = 29.5 ft	Bridge roadway width, curb-to-curb: 7.3 m = 24.0 ft				
Inventory Route, Total Horizontal Clearance: 7.3 m = 24.0 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:							

Weight Limits

Bypass, detour length	Method to determine inventory rating: Allowable Stress(AS) [2]		Inventory rating: 17.3 metric ton = 19.0 tons		
0.5 km = 0.3 mi	Method to determine operating rating: Allowable Stress(AS) [2]		Operating rating: 59.1 metric ton = 65.0 tons		
	Bridge posting: Equal to or above legal loads [5]		Design Load: M 18 / H 20 [4]		

Functional Details

Average Daily Traffic	1220	Average daily truck traffi	0 %	Year	1994	Future average daily traffic	630
Year	2015						
Road classification	Major Collector (Rural) [07]	Lanes on structure	2	Approach roadway width	6.1 m = 20.0 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

Unknown [00]

Work done by			
Bridge improvement cost	0	Roadway improvement cost	
Length of structure improvement	0 m = 0.0 ft	Total project cost	
Year of improvement cost estimate	0		
Border bridge - state		Border bridge - percent responsibility of other state	0
Border bridge - structure number			

Inspection and Sufficiency

Structure status	Open, no restriction [A]	Appraisal ratings - structural	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructur	Good [7]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Satisfactory [6]		

Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]
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	58.4

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	July 1997 [0797]	Designated inspection frequency	24	Months

Underwater inspection	Unknown [N24]	Underwater inspection date	
Fracture critical inspection	Unknown [N24]	Fracture critical inspection date	
Other special inspection	Unknown [N24]	Other special inspection date	