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]	4.6 MILES SE OF WILLIAMST	00-00-00 = 0.000000	000-00-00 = -0.000000

33200026000B020	Highway agency district: 6	Owner: County Highway Agency [02]	Maintenance responsibility: County Highway Agency [02]		
Route: 0		HOLT ROAD	Toll: On free road [3]	Features intersected: DOAN CREEK	

Design - main: Prestressed concrete [5]		Design - approach:		Kilometerpoint: 0 km = 0.0 mi	
1	Box beam or girders - Multiple [05]	0	Other [00]	Year built: 1957	Year reconstructed: N/A [0000]
				Skew angle: 0	Structure Flared:
				Historical significance: Bridge is not eligible for the NRHP. [5]	

Total length: 14 m = 45.9 ft	Length of maximum span: 14 m = 45.9 ft	Deck width, out-to-out: 9.4 m = 30.8 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: 0.5 km = 0.3 mi	Method to determine inventory rating: Allowable Stress(AS) [2]		Inventory rating: 20 metric ton = 22.0 tons		
	Method to determine operating rating: Allowable Stress(AS) [2]		Operating rating: 53.6 metric ton = 59.0 tons		
	Bridge posting: Equal to or above legal loads [5]		Design Load: MS 18 / HS 20 [5]		

Functional Details

Average Daily Traffic	790	Average daily truck traffi	0 %	Year	1994	Future average daily traffic	950	Year	2015
Road classification	Major Collector (Rural) [07]	Lanes on structure	2	Approach roadway width	6.7 m = 22.0 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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructur	Satisfactory [6]	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	Poor [4]		
Scour	Bridge is scour critical; bridge foundations determined to be unstable. [3]		
Channel and channel protection	Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel. [5]		
Appraisal ratings - water adequacy	Equal to present desirable criteria [8]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	61.5
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	