HistoricBridges.org - National Bridge Inventory Data Sheet

2019 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]	Ionia County [067]	Danby [19720]	1.4 MI NW OF CLINTON COL	42-50-34.06 = 42.842794	084-50-54.52 = -84.848478

4001	Highway agency district: 3	Owner: State Highway Agency [01]	Maintenance responsibility: State Highway Agency [01]		
Route: 0		PEAKE RD	Toll: On free road [3]	Features intersected: I-96	

Design - main	Concrete continuous [2]	Design - approach		Kilometerpoint	401.1 km = 248.7 mi
4	Tee beam [04]	0	Other [00]	Year built: 1958	Year reconstructed:
				Skew angle: 37	Structure Flared:
				Historical significance	Bridge is not eligible for the NRHP. [5]

Total length	91 m = 298.6 ft	Length of maximum span	27.4 m = 89.9 ft	Deck width, out-to-out	10.2 m = 33.5 ft	Bridge roadway width, curb-to-curb	7.9 m = 25.9 ft
Inventory Route, Total Horizontal Clearance	9.4 m = 30.8 ft	Curb or sidewalk width - left	0.7 m = 2.3 ft	Curb or sidewalk width - right	0.7 m = 2.3 ft		

Deck structure type	Concrete Cast-in-Place [1]
Type of wearing surface	Latex Concrete or similar additive [3]
Deck protection	
Type of membrane/wearing surface	

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor (LF) rating reported by rati	Inventory rating	35.3 metric ton = 38.8 tons	
0.8 km = 0.5 mi	Method to determine operating rating	Load Factor (LF) rating reported by rati	Operating rating	58.6 metric ton = 64.5 tons	
	Bridge posting	Equal to or above legal loads [5]	Design Load	M 13.5 / H 15 [2]	

Functional Details

Average Daily Traffic	200	Average daily truck traffi		%	Year	1974	Future average daily traffic	200	Year	1977
Road classification	Minor Collector (Rural) [08]	Lanes on structure	2	Approach roadway width	9.7 m = 31.8 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	Highway, with or without ped	Lanes under structure	4	Navigation control	Not applicable, no waterway. [N]					
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	Highway beneath structure [H]									
Minimum lateral underclearance on right	3.9 m = 12.8 ft	Minimum lateral underclearance on left	10 m = 32.8 ft							
Minimum Vertical Underclearance	4.93 m = 16.2 ft	Minimum vertical underclearance reference feature	Highway beneath structure [H]							
Appraisal ratings - underclearances	Somewhat better than minimum adequacy to tolerate being left in place as is [5]									

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	Better than present minimum criteria [7]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge not over waterway. [N]		
Channel and channel protection	Not applicable. [N]		
Appraisal ratings - water adequacy	N/A [N]	Status evaluation	
Pier or abutment protection		Sufficiency rating	81.9
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inpected feature meets currently acceptable standards. [1]		
Traffic safety features - transitions	Inpected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail	Inpected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends	Inpected feature meets currently acceptable standards. [1]		
Inspection date	December 2018 [1218]	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	