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

Ohio [39]	Ottawa County [123]	Clay [15546]	3.0 MI. N. JCT SR163	41-33-32.01 = 41.558892	083-20-18.24 = -83.338400

6235352 | Highway agency district: 2 | Owner: County Highway Agency [02] | Maintenance responsibility: County Highway Agency [02]

Route: #Num! | | MOLINE-MARTIN RD | Toll: On free road [3] | Features intersected: SOUTH BRANCH TURTLE CREE

Design - main	Concrete [1]	Design - approach		Kilometerpoint	646.8 km = 401.0 mi
1	Tee beam [04]	0	Other [00]	Year built: 1936	Year reconstructed: N/A [0000]
				Skew angle: 0	Structure Flared:
				Historical significance	Bridge is not eligible for the NRHP. [5]

Total length	10.1 m = 33.1 ft	Length of maximum span	9.8 m = 32.2 ft	Deck width, out-to-out	8.2 m = 26.9 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	0.3 m = 1.0 ft	Curb or sidewalk width - right	0.3 m = 1.0 ft		

Deck structure type	Concrete Cast-in-Place [1]
Type of wearing surface	Bituminous [6]
Deck protection	Not applicable (applies only to structures with no deck) [N]
Type of membrane/wearing surface	Not applicable (applies only to structures with no deck) [N]

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor (LF) rating reported by rati	Inventory rating	25.9 metric ton = 28.5 tons	
0.6 km = 0.4 mi	Method to determine operating rating	Load Factor (LF) rating reported by rati	Operating rating	43.7 metric ton = 48.1 tons	
	Bridge posting	Equal to or above legal loads [5]	Design Load	M 9 / H 10 [1]	

Functional Details

Average Daily Traffic	159	Average daily truck traffi	8 %	Year	2015	Future average daily traffic	221
Year	2040						
Road classification	Local (Rural) [09]	Lanes on structure	2	Approach roadway width	8.2 m = 26.9 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	0 m = 0.0 ft	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	0 = N/A	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

Work done by

Bridge improvement cost	0	Roadway improvement cost	0
Length of structure improvement		Total project cost	0
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	Equal to present minimum criteria [6]
Condition ratings - superstructure	Good [7]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - deck	Good [7]		

Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]
Channel and channel protection	Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]

Appraisal ratings - water adequacy	Better than present minimum criteria [7]	Status evaluation	
Pier or abutment protection		Sufficiency rating	81.1

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	November 2018 [1118]	Designated inspection frequency	12	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	