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]	Cuyahoga County [035]	South Euclid [73264]	1015' E. OF GREEN ROAD	41-32-19.54 = 41.538761	081-31-20.75 = -81.522431

1830082	Highway agency district: 12	Owner: County Highway Agency [02]	Maintenance responsibility: County Highway Agency [02]		
Route: 313		Mnticelo Blvd C313	Toll: On free road [3]	Features intersected: WEST BR EUCLID CREEK	

Design - main	Concrete [1]	Design - approach		Kilometerpoint	514.9 km = 319.2 mi
3	Arch - Deck [11]	0	Other [00]	Year built: 1954	Year reconstructed: 2003
				Skew angle: 19	Structure Flared:
				Historical significance	Bridge is eligible for the NRHP. [2]

Total length	112.2 m = 368.1 ft	Length of maximum span	42.7 m = 140.1 ft	Deck width, out-to-out	21.3 m = 69.9 ft	Bridge roadway width, curb-to-curb	18.9 m = 62.0 ft
Inventory Route, Total Horizontal Clearance	18.9 m = 62.0 ft	Curb or sidewalk width - left	1.4 m = 4.6 ft	Curb or sidewalk width - right	1.4 m = 4.6 ft		

Deck structure type	Concrete Cast-in-Place [1]
Type of wearing surface	Other [9]
Deck protection	Not applicable (applies only to structures with no deck) [N]
Type of membrane/wearing surface	

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor (LF) rating reported by rati	Inventory rating	21.1 metric ton = 23.2 tons	
0.3 km = 0.2 mi	Method to determine operating rating	Load Factor (LF) rating reported by rati	Operating rating	35.3 metric ton = 38.8 tons	
	Bridge posting	10.0 - 19.9 % below [3]	Design Load	Other [C]	

Functional Details

Average Daily Traffic	17738	Average daily truck traffi	7 %	Year	2015	Future average daily traffic	24620
Year	2040						
Road classification	Minor Arterial (Urban) [16]	Lanes on structure	4	Approach roadway width	26.8 m = 87.9 ft		
Type of service on bridge	Highway-pedestrian [5]	Direction of traffic	2 - way traffic [2]	Bridge median	Closed median (no barriers) [2]		
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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Good [7]	Appraisal ratings - roadway alignment	Superior to present desirable criteria [9]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Equal to present minimum criteria [6]
Condition ratings - deck	Satisfactory [6]		

Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]
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	Superior to present desirable criteria [9]	Status evaluation	
Pier or abutment protection		Sufficiency rating	77.5

Culverts	Not applicable. Used if structure is not a culvert. [N]

Traffic safety features - railings	
Traffic safety features - transitions	
Traffic safety features - approach guardrail	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - approach guardrail ends	Inpected feature meets currently acceptable standards. [1]

Inspection date	June 2018 [0618]	Designated inspection frequency	18	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	