HistoricBridges.org - National Bridge Inventory Data Sheet

2014 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]	Hamilton County [061]	Crosby [19470]	NO DATA	39-17-12.00 = 39.286667	084-41-36.00 = -84.693333

3130622	Highway agency district: 8	Owner: County Highway Agency [02]	Maintenance responsibility: County Highway Agency [02]		

Route: 63		WILLEY ROAD	Toll: On free road [3]	Features intersected: PADDYS RUN CREEK	

Design - main: 1	Prestressed concrete [5] Box beam or girders - Multiple [05]	Design - approach: 0	Other [00]	Kilometerpoint: 0 km = 0.0 mi	
				Year built: 1931	Year reconstructed: 1996
				Skew angle: 15	Structure Flared:
				Historical significance: Bridge is eligible for the NRHP. [2]	

Total length: 19.8 m = 65.0 ft	Length of maximum span: 18.9 m = 62.0 ft	Deck width, out-to-out: 9.9 m = 32.5 ft	Bridge roadway width, curb-to-curb: 8.3 m = 27.2 ft
Inventory Route, Total Horizontal Clearance: 8.3 m = 27.2 ft	Curb or sidewalk width - left: 0 m = 0.0 ft	Curb or sidewalk width - right: 0 m = 0.0 ft	

Deck structure type	Concrete Cast-in-Place [1]
Type of wearing surface	Integral Concrete (separate non-modified layer of concrete added to structural deck) [2]
Deck protection	Epoxy Coated Reinforcing [1]
Type of membrane/wearing surface	

Weight Limits

Bypass, detour length: 1 km = 0.6 mi	Method to determine inventory rating: Load Factor(LF) [1]		Inventory rating: 32.4 metric ton = 35.6 tons		
	Method to determine operating rating: Load Factor(LF) [1]		Operating rating: 40.5 metric ton = 44.6 tons		
	Bridge posting: Equal to or above legal loads [5]		Design Load: MS 18+Mod / HS 20+Mod [6]		

Functional Details

Average Daily Traffic	3500	Average daily truck traffi	2 %	Year	1995	Future average daily traffic	4858
Year	2034						
Road classification	Major Collector (Rural) [07]	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		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	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	Better than present minimum criteria [7]
Condition ratings - superstructure	Very Good [8]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrrective action [3]
Condition ratings - deck	Very Good [8]		
Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]		
Channel and channel protection	Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8]		
Appraisal ratings - water adequacy	Superior to present desirable criteria [9]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	76.9
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			
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends			
Inspection date	January 2013 [0113]	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	