

HistoricBridges.org - National Bridge Inventory Data Sheet

2013 Inventory

The National Bridge Inventory contains data submitted by state transportation 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

West Virginia [54]	Fayette County [019]	Unknown [00000]	1.16 Miles N. of WV 16	03-80-40.97 = 4.344714	081-04-54.08 = -81.081689
00000000010A214	Highway agency district 9	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 1900	US 19	Toll On free road [3]	Features intersected US 19		
Design - main	Steel [3]	Design - approach	Kilometerpoint 2473 km = 1533.3 mi		
1	Arch - Deck [11]	9 Other [00]	Year built 1977	Year reconstructed	N/A [0000]
			Skew angle 0	Structure Flared	
			Historical significance	Bridge is not eligible for the NRHP. [5]	
Total length	925.5 m = 3036.6 ft	Length of maximum span	553.7 m = 1816.7 ft	Deck width, out-to-out	22.4 m = 73.5 ft
				Bridge roadway width, curb-to-curb	20.5 m = 67.3 ft
Inventory Route, Total Horizontal Clearance	10.3 m = 33.8 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	Latex Concrete or similar additive [3]				
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	24.5 metric ton = 27.0 tons
10.5 km = 6.5 mi	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	39.9 metric ton = 43.9 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	MS 18 / HS 20 [5]

Functional Details

Average Daily Traffic	12900	Average daily truck traffi	13	%	Year	2009	Future average daily traffic	23865	Year	2029
Road classification	Principal Arterial - Other (Rural) [02]		Lanes on structure	4		Approach roadway width	39 m = 128.0 ft			
Type of service on bridge	Highway [1]		Direction of traffic	2 - way traffic [2]		Bridge median	Closed median with non-mountable bar			
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Highway-waterway-railroad [Lanes under structure	2		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	Highway beneath structure [H]									
Minimum lateral underclearance on right	3 m = 9.8 ft					Minimum lateral underclearance on left	0 = N/A			
Minimum Vertical Underclearance	21.64 m = 71.0 ft		Minimum vertical underclearance reference feature	Highway beneath structure [H]						
Appraisal ratings - underclearances	Equal to present minimum criteria [6]									

Repair and Replacement Plans

Type of work to be performed	Work done by	Work to be done by contract [1]		
Other structural work, including hydraulic replacements. [38]	Bridge improvement cost		Roadway improvement cost	0
	Length of structure improvement	925.7 m = 3037.2 ft	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	Equal to present desirable criteria [8]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Superior to present desirable criteria [9]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge foundations (including piles) on dry land well above flood water elevations. [9]		
Channel and channel protection	There are no noticeable or noteworthy deficiencies which affect the condition of the channel. [9]		
Appraisal ratings - water adequacy	Superior to present desirable criteria [9]	Status evaluation	
Pier or abutment protection		Sufficiency rating	60.8
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - transitions	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends	Inspected feature meets currently acceptable standards. [1]		
Inspection date	September 2012 [0912]	Designated inspection frequency	12 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	September 2012 [0912]
Other special inspection	Not needed [N]	Other special inspection date	