HistoricBridges.org - National Bridge Inventory Data Sheet

2013 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

West Virginia [54]	Fayette County [019]	Unknown [00000]	3.92 Miles E. of US 19	03-80-35.33 = 4.343147	081-04-37.49 = -81.077081

00000000010A253	Highway agency district: 9	Owner: State Highway Agency [01]	Maintenance responsibility: State Highway Agency [01]		
Route: 8200		COUNTY ROUTE 82	Toll: On free road [3]	Features intersected: NEW RIVER	

Design - main: Steel [3]	Design - approach: Steel [3]	Kilometerpoint: 741.7 km = 459.9 mi			
1	Truss - Thru [10]	2	Truss - Thru [10]	Year built: 1997	Year reconstructed: N/A [0000]
				Skew angle: 0	Structure Flared:
				Historical significance: Bridge is not eligible for the NRHP. [5]	

Total length: 128.3 m = 421.0 ft	Length of maximum span: 84.9 m = 278.6 ft	Deck width, out-to-out: 5.2 m = 17.1 ft	Bridge roadway width, curb-to-curb: 4.4 m = 14.4 ft		
Inventory Route, Total Horizontal Clearance: 4.4 m = 14.4 ft	Curb or sidewalk width - left: 1.5 m = 4.9 ft	Curb or sidewalk width - right: 1.5 m = 4.9 ft			

Deck structure type	Wood or Timber [8]
Type of wearing surface	Wood or Timber [7]
Deck protection	
Type of membrane/wearing surface	

Weight Limits

Bypass, detour length	Method to determine inventory rating: Load Factor(LF) [1]		Inventory rating: 22.7 metric ton = 25.0 tons		
0.2 km = 0.1 mi	Method to determine operating rating: Load Factor(LF) [1]		Operating rating: 38.1 metric ton = 41.9 tons		
	Bridge posting: Equal to or above legal loads [5]		Design Load: MS 13.5 / HS 15 [3]		

Functional Details

Average Daily Traffic	550	Average daily truck traffi	6 %	Year	2009	Future average daily traffic	671
Year	2029						
Road classification	Local (Rural) [09]	Lanes on structure	1	Approach roadway width	4.6 m = 15.1 ft		
Type of service on bridge	Highway-pedestrian [5]	Direction of traffic	1 - way traffic [1]	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	4.34 m = 14.2 ft				
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]						
Minimum lateral underclearance on right	99.9 = Unlimited	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

Widening of existing bridge or other major structure without deck rehabilitation or replacement [33]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	605000	Roadway improvement cost	496000
Length of structure improvement	128.3 m = 421.0 ft	Total project cost	1306000
Year of improvement cost estimate	2012		
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	Very Good [8]	Appraisal ratings - roadway alignment	Basically intolerable requiring high priority of corrrective action [3]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Good [7]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
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	61.3
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	July 2012 [0712]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	July 2012 [0712]
Other special inspection	Not needed [N]	Other special inspection date	