HistoricBridges.org - National Bridge Inventory Data Sheet

2011 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]	Wood County [107]	Unknown [00000]	0.07 MILE EAST OF CR 25	39-03-30 = 39.058333	081-37-18 = -81.621667

00000000054A072	Highway agency district: 3	Owner: State Highway Agency [01]	Maintenance responsibility: State Highway Agency [01]		
Route: 2508		COUNTY ROUTE 25/8	Toll: On free road [3]	Features intersected: POND CREEK	
Design - main: Steel [3]		Design - approach:		Kilometerpoint: 11.3 km = 7.0 mi	
1	Truss - Thru [10]	0	Other [00]	Year built: 1905	Year reconstructed: 1984
				Skew angle: 0	Structure Flared:
				Historical significance: Bridge is possibly eligible for the NRHP. [3]	

Total length: 11.6 m = 38.1 ft	Length of maximum span: 11.3 m = 37.1 ft	Deck width, out-to-out: 4.3 m = 14.1 ft	Bridge roadway width, curb-to-curb: 3.8 m = 12.5 ft				
Inventory Route, Total Horizontal Clearance: 3.8 m = 12.5 ft	Curb or sidewalk width - left: 0.1 m = 0.3 ft	Curb or sidewalk width - right: 0.1 m = 0.3 ft					
Deck structure type: Wood or Timber [8]							
Type of wearing surface:							
Deck protection:							
Type of membrane/wearing surface:							

Weight Limits

Bypass, detour length: 0 km = 0.0 mi	Method to determine inventory rating: Allowable Stress(AS) [2]		Inventory rating: 18 metric ton = 19.8 tons		
	Method to determine operating rating: Allowable Stress(AS) [2]		Operating rating: 25.2 metric ton = 27.7 tons		
	Bridge posting: 00.1 - 09.9 % below [4]		Design Load:		

Functional Details

Average Daily Traffic	5	Average daily truck traffi	0 %	Year	2007	Future average daily traffic	7
Year	2027						
Road classification	Local (Rural) [09]	Lanes on structure	1	Approach roadway width	3.4 m = 11.2 ft		
Type of service on bridge	Highway [1]	Direction of traffic	One lane bridge for 2 - way traffic [3]	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	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

Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]

Work done by	Work to be done by owner's forces [2]		
Bridge improvement cost	35000	Roadway improvement cost	5000
Length of structure improvement	11.6 m = 38.1 ft	Total project cost	40000
Year of improvement cost estimate	2007		
Border bridge - state		Border bridge - percent responsibility of other state	
Border bridge - structure number			

Inspection and Sufficiency

Structure status	Posted for load [P]	Appraisal ratings - structural	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructur	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Good [7]		

Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]
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	59.2

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	Inpected feature meets currently acceptable standards. [1]
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	April 2010 [0410]	Designated inspection frequency	24	Months

Underwater inspection	Unknown [N00]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	April 2010 [0410]
Other special inspection	Unknown [N00]	Other special inspection date	