

HistoricBridges.org - National Bridge Inventory Data Sheet

2011 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]	Tyler County [095]	Unknown [00000]	0.04 MILE EAST JCT WV 18	39-31-54 = 39.531667	080-53-36 = - 80.893333
00000000048A019	Highway agency district 6	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 1100	COUNTY ROUTE 11	Toll On free road [3]	Features intersected	POINT PLEASANT CREEK	
Design - main 2	Concrete [1] Arch - Deck [11]	Design - approach 0	Other [00]	Kilometerpoint 6.4 km = 4.0 mi	Year built 1918
				Year reconstructed N/A [0000]	Skew angle 18
				Structure Flared	Historical significance Bridge is not eligible for the NRHP. [5]
Total length 32.9 m = 107.9 ft	Length of maximum span 15.2 m = 49.9 ft	Deck width, out-to-out 5.4 m = 17.7 ft	Bridge roadway width, curb-to-curb 4.7 m = 15.4 ft	Inventory Route, Total Horizontal Clearance 4.7 m = 15.4 ft	Curb or sidewalk width - left 0 m = 0.0 ft
				Curb or sidewalk width - right 0 m = 0.0 ft	
Deck structure type	Not applicable [N]				
Type of wearing surface	Not applicable (applies only to structures with no deck) [N]				
Deck protection	Not applicable (applies only to structures with no deck) [N]				
Type of membrane/wearing surface	Not applicable (applies only to structures with no deck) [N]				

Weight Limits

Bypass, detour length 0 km = 0.0 mi	Method to determine inventory rating No rating analysis performed [5]	Inventory rating 10.8 metric ton = 11.9 tons
	Method to determine operating rating No rating analysis performed [5]	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	2008	Future average daily traffic	14	Year	2028
Road classification	Local (Rural) [09]			Lanes on structure	1		Approach roadway width	5.5 m = 18.0 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	Work done by	Work to be done by contract [1]		
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	244000	Roadway improvement cost	237000
	Length of structure improvement	42.7 m = 140.1 ft	Total project cost	671000
	Year of improvement cost estimate	2008		
	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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Poor [4]	Appraisal ratings - roadway alignment	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	Better than present minimum criteria [7]
Condition ratings - deck	Not Applicable [N]		
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	Equal to present desirable criteria [8]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	24
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			
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends			
Inspection date	June 2010 [0610]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [N00]	Underwater inspection date	
Fracture critical inspection	Unknown [N00]	Fracture critical inspection date	
Other special inspection	Unknown [N00]	Other special inspection date	