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]	Morgan County [065]	Unknown [00000]	0.35 MI E OF CR 08 SLS	39-38-54 = 39.648333	078-07-48 = -78.130000

00000000033A003	Highway agency district: 5	Owner: State Highway Agency [01]	Maintenance responsibility: State Highway Agency [01]		
Route: 103		CR 1/3 SLS	Toll: On free road [3]	Features intersected: SLEEPY CREEK	
Design - main: Aluminum, Wrought Iron or Cast Iron [9]	Design - approach: Concrete continuous [2]	Kilometerpoint: 56.3 km = 34.9 mi			
1	Truss - Thru [10]	6	Stringer/Multi-beam or girder [02]	Year built: 1911	Year reconstructed: N/A [0000]
Skew angle: 0	Structure Flared:				
Historical significance: Bridge is possibly eligible for the NRHP. [3]					

Total length: 79.9 m = 262.2 ft	Length of maximum span: 34.1 m = 111.9 ft	Deck width, out-to-out: 3.7 m = 12.1 ft	Bridge roadway width, curb-to-curb: 3.5 m = 11.5 ft				
Inventory Route, Total Horizontal Clearance: 3.4 m = 11.2 ft	Curb or sidewalk width - left: 0 m = 0.0 ft	Curb or sidewalk width - right: 0 m = 0.0 ft					
Deck structure type: Wood or Timber [8]							
Type of wearing surface: Wood or Timber [7]							
Deck protection:							
Type of membrane/wearing surface:							

Weight Limits

Bypass, detour length: 0.3 km = 0.2 mi	Method to determine inventory rating: Allowable Stress(AS) [2]	Inventory rating: 2.7 metric ton = 3.0 tons			
	Method to determine operating rating: Allowable Stress(AS) [2]	Operating rating: 4.5 metric ton = 5.0 tons			
	Bridge posting:	Design Load:			

Functional Details

Average Daily Traffic	200	Average daily truck traffi	9 %	Year	2008	Future average daily traffic	316
Year	2028						
Road classification	Local (Rural) [09]	Lanes on structure	1	Approach roadway width	6.1 m = 20.0 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	2.76 m = 9.1 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

Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	3000000	Roadway improvement cost	1000000
Length of structure improvement	106.7 m = 350.1 ft	Total project cost	4000000
Year of improvement cost estimate	2010		
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	Basically intolerable requiring high priority of replacement [2]
Condition ratings - superstructur	Serious [3]	Appraisal ratings - roadway alignment	Basically intolerable requiring high priority of corrrective action [3]
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Satisfactory [6]		

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	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	13.6

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	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - approach guardrail ends	Inpected feature meets currently acceptable standards. [1]

Inspection date	June 2010 [0610]	Designated inspection frequency	12	Months

Underwater inspection	Unknown [N00]	Underwater inspection date	
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	June 2010 [0610]
Other special inspection	Unknown [N00]	Other special inspection date	