HistoricBridges.org - National Bridge Inventory Data Sheet

1992 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]	Braxton County [007]	Unknown [00000]	0.02 MI E OF CO 19/24	38-39-54 = 38.665000	080-42-12 = -80.703333

00000000004A070	Highway agency district: 7	Owner: State Highway Agency [01]	Maintenance responsibility: State Highway Agency [01]		
Route:		COUNTY ROUTE 19/27	Toll: On free road [3]	Features intersected: OLD WOMAN RUN	

Design - main: 1	Steel [3] / Truss - Thru [10]	Design - approach: 0	Other [00]	Kilometerpoint:	
Year built: 1899	Year reconstructed: N/A [0000]	Skew angle: 0	Structure Flared:	Historical significance: Bridge is not eligible for the NRHP. [5]	

Total length: 30.8 m = 101.1 ft	Length of maximum span: 30.2 m = 99.1 ft	Deck width, out-to-out: 3.7 m = 12.1 ft	Bridge roadway width, curb-to-curb: 3.3 m = 10.8 ft				
Inventory Route, Total Horizontal Clearance: 3.3 m = 10.8 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: Wood or Timber [7]							
Deck protection:							
Type of membrane/wearing surface:							

Weight Limits

Bypass, detour length: 0 km = 0.0 mi	Method to determine inventory rating:	Inventory rating: 12.6 metric ton = 13.9 tons	
	Method to determine operating rating:	Operating rating: 19.8 metric ton = 21.8 tons	
	Bridge posting: 10.0 - 19.9 % below [3]	Design Load:	

Functional Details

Average Daily Traffic	40	Average daily truck traffi	0 %	Year	1990	Future average daily traffic	44
Year	2010						
Road classification	Local (Rural) [09]	Lanes on structure	1	Approach roadway width	4.6 m = 15.1 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	3.91 m = 12.8 ft				
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]						
Minimum lateral underclearance on right	0 = N/A	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	186000	Roadway improvement cost	182000
Length of structure improvement	39 m = 128.0 ft	Total project cost	548000
Year of improvement cost estimate			
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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Satisfactory [6]		

Scour	Scour calculation/evaluation has not been made. [6]
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	38.3

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	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	October 1991 [1091]	Designated inspection frequency	24	Months

Underwater inspection	Unknown [N00]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	October 1991 [1091]
Other special inspection	Unknown [N00]	Other special inspection date	