

HistoricBridges.org - National Bridge Inventory Data Sheet

2013 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]	Greenbrier County [025]	Unknown [00000]	0.25 Miles North of WV 12	03-74-40.62 = 4.244617	080-37-44.65 = -80.629069
00000000013A070	Highway agency district 9	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 2500	COUNTY ROUTE 25	Toll On free road [3]	Features intersected	MUDDY CREEK	
Design - main 1	Concrete continuous [2] Arch - Deck [11]	Design - approach 2	Concrete continuous [2] Arch - Deck [11]	Kilometerpoint 40.2 km = 24.9 mi	Year built 1923
				Year reconstructed N/A [0000]	Skew angle 0
				Structure Flared	Historical significance is not determinable at this time. [4]
Total length 33 m = 108.3 ft	Length of maximum span 15.2 m = 49.9 ft	Deck width, out-to-out 5.9 m = 19.4 ft	Bridge roadway width, curb-to-curb 5.3 m = 17.4 ft		
Inventory Route, Total Horizontal Clearance 5.3 m = 17.4 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	Concrete Cast-in-Place [1]				
Type of wearing surface	Bituminous [6]				
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 1.1 km = 0.7 mi	Method to determine inventory rating	Inventory rating 17.2 metric ton = 18.9 tons
	Method to determine operating rating	Operating rating 41.7 metric ton = 45.9 tons
Bridge posting	Equal to or above legal loads [5]	Design Load M 9 / H 10 [1]

Functional Details

Average Daily Traffic	500	Average daily truck traffi	2	%	Year	2009	Future average daily traffic	845	Year	2029
Road classification	Major Collector (Rural) [07]		Lanes on structure	2		Approach roadway width	5.5 m = 18.0 ft			
Type of service on bridge	Highway [1]		Direction of traffic	2 - way traffic [2]		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	510000	Roadway improvement cost	292000
	Length of structure improvement	42.1 m = 138.1 ft	Total project cost	802000
	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	<input type="text" value="Posted for load [P]"/>	Appraisal ratings - structural	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>
Condition ratings - superstructure	<input type="text" value="Fair [5]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Equal to present minimum criteria [6]"/>
Condition ratings - substructure	<input type="text" value="Good [7]"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of replacement [2]"/>
Condition ratings - deck	<input type="text" value="Satisfactory [6]"/>		
Scour	<input type="text" value="Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]"/>		
Channel and channel protection	<input type="text" value="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	<input type="text" value="Equal to present minimum criteria [6]"/>	Status evaluation	<input type="text" value="Functionally obsolete [2]"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="47.1"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text"/>		
Traffic safety features - transitions	<input type="text"/>		
Traffic safety features - approach guardrail	<input type="text"/>		
Traffic safety features - approach guardrail ends	<input type="text"/>		
Inspection date	<input type="text" value="February 2012 [0212]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Not needed [N]"/>	Underwater inspection date	<input type="text"/>
Fracture critical inspection	<input type="text" value="Not needed [N]"/>	Fracture critical inspection date	<input type="text"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>