

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.
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Basic Information

West Virginia [54]	Hardy County [031]	Unknown [00000]	0.47 MI E OF CR 23/9 SLS	39-03-53.21 = 39.064781	078-39-18.61 = -78.655169
0000000016A063	Highway agency district: 5	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 5520	CR 55/20	Toll On free road [3]	Features intersected LOST RIVER		
Design - main 1	Steel [3] Truss - Thru [10]	Design - approach 0	Other [00]	Kilometerpoint 3951.7 km = 2450.1 mi	Year built 1931 Year reconstructed 1994
				Skew angle 0	Structure Flared
				Historical significance Bridge is eligible for the NRHP. [2]	
Total length	44 m = 144.4 ft	Length of maximum span	42.7 m = 140.1 ft	Deck width, out-to-out	7.6 m = 24.9 ft
Inventory Route, Total Horizontal Clearance	7.4 m = 24.3 ft	Curb or sidewalk width - left	0 m = 0.0 ft	Curb or sidewalk width - right	0 m = 0.0 ft
Deck structure type	Closed Grating [4]				
Type of wearing surface					
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	20 metric ton = 22.0 tons
0.2 km = 0.1 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	32.7 metric ton = 36.0 tons
Bridge posting	00.1 - 09.9 % below [4]		Design Load	M 18 / H 20 [4]

Functional Details

Average Daily Traffic	99	Average daily truck traffi	0	%	Year	2015	Future average daily traffic	136	Year	2035
Road classification	Local (Rural) [09]		Lanes on structure	2		Approach roadway width	9.1 m = 29.9 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	4.14 m = 13.6 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 owner's forces [2]		
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost	170000	Roadway improvement cost	30000
	Length of structure improvement	43.9 m = 144.0 ft	Total project cost	200000
	Year of improvement cost estimate	2017		
	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 - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrective action [3]
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	Equal to present desirable criteria [8]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	54.8
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends	Inspected feature meets currently acceptable standards. [1]		
Inspection date	May 2017 [0517]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	May 2017 [0517]
Other special inspection	Not needed [N]	Other special inspection date	