

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]	Kanawha County [039]	Charleston [14600]	0.01 MILE E OF US 119	38-21-28.94 = 38.358039	081-38-26.88 = -81.640800
00000000020A769	Highway agency district: 1	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 60	East [2]	US 60 EAST	Toll On free road [3]	Features intersected ELK RIVER	
Design - main	Steel [3]	Design - approach	Steel [3]	Kilometerpoint	2666.1 km = 1653.0 mi
1	Arch - Thru [12]	2	Girder and floorbeam system [03]	Year built	1939
				Year reconstructed	2000
				Skew angle	0
				Structure Flared	Yes, flared [1]
				Historical significance	Bridge is possibly eligible for the NRHP. [3]
Total length	129.9 m = 426.2 ft	Length of maximum span	71.3 m = 233.9 ft	Deck width, out-to-out	12.8 m = 42.0 ft
				Bridge roadway width, curb-to-curb	11.7 m = 38.4 ft
Inventory Route, Total Horizontal Clearance	11.7 m = 38.4 ft	Curb or sidewalk width - left	2.4 m = 7.9 ft	Curb or sidewalk width - right	2.4 m = 7.9 ft
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Latex Concrete or similar additive [3]				
Deck protection	Epoxy Coated Reinforcing [1]				
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	31.7 metric ton = 34.9 tons
0.2 km = 0.1 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	59 metric ton = 64.9 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	MS 22.5 / HS 25 or greater [9]

Functional Details

Average Daily Traffic	9961	Average daily truck traffi	6	%	Year	2015	Future average daily traffic	12152	Year	2035
Road classification	Minor Arterial (Urban) [16]			Lanes on structure	3	Approach roadway width	12.2 m = 40.0 ft			
Type of service on bridge	Highway-pedestrian [5]			Direction of traffic	1 - way traffic [1]		Bridge median			
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Waterway [5]		Lanes under structure	0	Navigation control	Navigation control on waterway (bridge permit required). [1]				
Navigation vertical clearanc	10.4 m = 34.1 ft			Navigation horizontal clearance	67.1 m = 220.2 ft					
Minimum navigation vertical clearance, vertical lift bridge				Minimum vertical clearance over bridge roadway	5.03 m = 16.5 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]		
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost	750000	Roadway improvement cost	100000
	Length of structure improvement	129.9 m = 426.2 ft	Total project cost	850000
	Year of improvement cost estimate	2018		
	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	Equal to present minimum criteria [6]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - deck	Good [7]		
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	Superior to present desirable criteria [9]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection	In place and functioning [2]	Sufficiency rating	72.6
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	December 2017 [1217]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	August 2017 [0817]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	December 2017 [1217]
Other special inspection	Every year [Y12]	Other special inspection date	October 2018 [1018]