

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]	0.27 MI S OF US 60	38-20-53.02 = 38.348061	081-38-07.22 = -81.635339
0000000020A901	Highway agency district: 1	Owner City or Municipal Highway Agency [04]	Maintenance responsibility	City or Municipal Highway Agency [04]	
Route #Num!	DICKINSON STREET		Toll On free road [3]	Features intersected WV 61, KANAWHA R, CSX	
Design - main	Steel [3]	Design - approach	Steel [3]	Kilometerpoint	0 km = 0.0 mi
1	Truss - Thru [10]	8	Truss - Deck [09]	Year built	1936
				Year reconstructed	1990
				Skew angle	0
				Structure Flared	
				Historical significance	Bridge is eligible for the NRHP. [2]
Total length	349.4 m = 1146.4 ft	Length of maximum span	128 m = 420.0 ft	Deck width, out-to-out	12.6 m = 41.3 ft
				Bridge roadway width, curb-to-curb	11.8 m = 38.7 ft
Inventory Route, Total Horizontal Clearance	11.8 m = 38.7 ft	Curb or sidewalk width - left	0 m = 0.0 ft	Curb or sidewalk width - right	2.1 m = 6.9 ft
Deck structure type	Closed Grating [4]				
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	Allowable Stress(AS) [2]	Inventory rating	20 metric ton = 22.0 tons
0.5 km = 0.3 mi	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	29.9 metric ton = 32.9 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	M 18 / H 20 [4]

### Functional Details

Average Daily Traffic	13729	Average daily truck traffi	3	%	Year	2015	Future average daily traffic	20075	Year	2035
Road classification	Collector (Urban) [17]		Lanes on structure	4	Approach roadway width	12.2 m = 40.0 ft				
Type of service on bridge	Highway-pedestrian [5]		Direction of traffic	2 - way traffic [2]		Bridge median				
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Highway-waterway-railroad [8]		Lanes under structure	8	Navigation control	Navigation control on waterway (bridge permit required). [1]				
Navigation vertical clearanc	21 m = 68.9 ft		Navigation horizontal clearance	121.9 m = 400.0 ft						
Minimum navigation vertical clearance, vertical lift bridge			Minimum vertical clearance over bridge roadway	4.65 m = 15.3 ft						
Minimum lateral underclearance reference feature	Railroad beneath structure [R]									
Minimum lateral underclearance on right	2.7 m = 8.9 ft				Minimum lateral underclearance on left	14 m = 45.9 ft				
Minimum Vertical Underclearance	6.71 m = 22.0 ft		Minimum vertical underclearance reference feature	Railroad beneath structure [R]						
Appraisal ratings - underclearances	Meets minimum tolerable limits to be left in place as is [4]									

### 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	1000000	Roadway improvement cost	100000						
	Length of structure improvement	349.4 m = 1146.4 ft		Total project cost	1100000					
	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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Good [7]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	There are no noticeable or noteworthy deficiencies which affect the condition of the channel. [9]		
Appraisal ratings - water adequacy	Superior to present desirable criteria [9]	Status evaluation	Structurally deficient [1]
Pier or abutment protection	Navigation protection not required [1]	Sufficiency rating	25.8
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	March 2017 [0317]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	July 2017 [0717]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	March 2017 [0317]
Other special inspection	Every year [Y12]	Other special inspection date	March 2018 [0318]