

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]	Ohio County [069]	Wheeling [86452]	0.02 mi. South jct WV2	40-03-48.06 = 40.063350	080-43-24.42 = -80.723450
00000000035A085	Highway agency district: 6	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 18	County Route 18	Toll On free road [3]	Features intersected	Wheeling Creek	
Design - main 1	Masonry [8] Arch - Deck [11]	Design - approach 0	Other [00]	Kilometerpoint 3.2 km = 2.0 mi	Year built 1892
				Year reconstructed	N/A [0000]
				Skew angle 0	Structure Flared
				Historical significance	Bridge is on the NRHP. [1]
Total length	70.9 m = 232.6 ft	Length of maximum span	48.5 m = 159.1 ft	Deck width, out-to-out	15.2 m = 49.9 ft
				Bridge roadway width, curb-to-curb	9.2 m = 30.2 ft
Inventory Route, Total Horizontal Clearance	13 m = 42.7 ft	Curb or sidewalk width - left	2.3 m = 7.5 ft	Curb or sidewalk width - right	2.3 m = 7.5 ft
Deck structure type	Not applicable [N]				
Type of wearing surface	Bituminous [6]				
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length	Method to determine inventory rating		Inventory rating	10.9 metric ton = 12.0 tons
0.2 km = 0.1 mi	Method to determine operating rating		Operating rating	28.1 metric ton = 30.9 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	

Functional Details

Average Daily Traffic	6081	Average daily truck traffi	7 %	Year	2016	Future average daily traffic	7419	Year	2036
Road classification	Collector (Urban) [17]	Lanes on structure	2	Approach roadway width	9.1 m = 29.9 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	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]					
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost	174000	Roadway improvement cost	60000			
	Length of structure improvement	71 m = 233.0 ft		Total project cost	234000		
	Year of improvement cost estimate	2016					
	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	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - substructure	Not Applicable [N]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Not Applicable [N]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly. [6]		
Appraisal ratings - water adequacy	Equal to present minimum criteria [6]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	33.2
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	July 2017 [0717]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	July 2017 [0717]
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	