

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] Tyler County [095] Unknown [00000] 0.09 MI SOUTH JCT WV 23 39-25-48 = 39.430000 080-49-48 = - 80.830000

00000000048A033 Highway agency district 6 Owner State Highway Agency [01] Maintenance responsibility State Highway Agency [01]

Route 1800 WV ROUTE 18 Toll On free road [3] Features intersected MCELROY CREEK

Design - main Steel [3] Design - approach Steel [3] Kilometerpoint 1652.4 km = 1024.5 mi

1 Truss - Thru [10] 2 Stringer/Multi-beam or girder [02] Year built 1936 Year reconstructed 1984

Skew angle 25 Structure Flared

Historical significance Bridge is not eligible for the NRHP. [5]

Total length 61.9 m = 203.1 ft Length of maximum span 30.5 m = 100.1 ft Deck width, out-to-out 7.8 m = 25.6 ft Bridge roadway width, curb-to-curb 7.3 m = 24.0 ft

Inventory Route, Total Horizontal Clearance 7.7 m = 25.3 ft Curb or sidewalk width - left 0.2 m = 0.7 ft Curb or sidewalk width - right 1.9 m = 6.2 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 19.9 km = 12.3 mi Method to determine inventory rating Load Factor(LF) [1] Inventory rating 24.3 metric ton = 26.7 tons

Method to determine operating rating Load Factor(LF) [1] Operating rating 40.5 metric ton = 44.6 tons

Bridge posting Equal to or above legal loads [5] Design Load MS 18 / HS 20 [5]

### Functional Details

Average Daily Traffic	1300	Average daily truck traffi	9	%	Year	2008	Future average daily traffic	1755	Year	2028
Road classification	Major Collector (Rural) [07]	Lanes on structure	2	Approach roadway width	7.3 m = 24.0 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	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	64000	Roadway improvement cost	10000						
	Length of structure improvement	30.5 m = 100.1 ft		Total project cost	74000					
	Year of improvement cost estimate	2008								
	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	Equal to present minimum criteria [6]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
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	Equal to present minimum criteria [6]	Status evaluation	
Pier or abutment protection		Sufficiency rating	49.5
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	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			
Inspection date	March 2011 [0311]	Designated inspection frequency	12 Months
Underwater inspection	Unknown [N00]	Underwater inspection date	
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	March 2011 [0311]
Other special inspection	Every year [Y12]	Other special inspection date	March 2011 [0311]