

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]	Wood County [107]	Unknown [00000]	0.19 M WEST OF CR 11/7	39-09-12 = 39.153333	081-44-06 = - 81.735000
00000000054A025	Highway agency district 3	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 1100	COUNTY ROUTE 11	Toll On free road [3]	Features intersected LEE CREEK		
Design - main Steel [3]	Design - approach	Kilometerpoint 149.6 km = 92.8 mi			
2	Truss - Thru [10]	0	Other [00]	Year built 1884	Year reconstructed N/A [0000]
		Skew angle 0	Structure Flared		
		Historical significance Bridge is eligible for the NRHP. [2]			
Total length 63.7 m = 209.0 ft	Length of maximum span 30.8 m = 101.1 ft	Deck width, out-to-out 4.8 m = 15.7 ft	Bridge roadway width, curb-to-curb 4.6 m = 15.1 ft		
Inventory Route, Total Horizontal Clearance 4.6 m = 15.1 ft	Curb or sidewalk width - left 0 m = 0.0 ft	Curb or sidewalk width - right 0 m = 0.0 ft			
Deck structure type	Wood or Timber [8]				
Type of wearing surface	Wood or Timber [7]				
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 1.6 km = 1.0 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	11.7 metric ton = 12.9 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	16.2 metric ton = 17.8 tons
Bridge posting	30.0 - 39.9 % below [1]		Design Load	

Functional Details

Average Daily Traffic	350	Average daily truck traffi	10	%	Year	2004	Future average daily traffic	450	Year	2024
Road classification	Minor Collector (Rural) [08]		Lanes on structure	1		Approach roadway width	4 m = 13.1 ft			
Type of service on bridge	Highway [1]		Direction of traffic	One lane bridge for 2 - way traffic [3]		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	0 m = 0.0 ft				Minimum vertical clearance over bridge roadway	4.09 m = 13.4 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]								
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	1500000	Roadway improvement cost	400000						
	Length of structure improvement	64 m = 210.0 ft			Total project cost	1900000				
	Year of improvement cost estimate	2005								
	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

Meets minimum tolerable limits to be left in place as is [4]

Condition ratings - superstructure

Satisfactory [6]

Appraisal ratings -
roadway alignment

Better than present minimum criteria [7]

Condition ratings - substructure

Good [7]

Appraisal ratings -
deck geometry

Basically intolerable requiring high priority of replacement [2]

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

Better than present minimum criteria [7]

Status evaluation

Functionally obsolete [2]

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

Traffic safety features - approach guardrail

Traffic safety features - approach guardrail ends

Inspection date

July 2006 [0706]

Designated inspection frequency

12

Months

Underwater inspection

Unknown [Y60]

Underwater inspection date

September 2003 [0903]

Fracture critical inspection

Every year [Y12]

Fracture critical inspection date

July 2006 [0706]

Other special inspection

Unknown [N00]

Other special inspection date