

HistoricBridges.org - National Bridge Inventory Data Sheet

2011 Inventory

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.

Form Interface Design: www.historicbridges.org. Data Conversion Assistance By www.bridgehunter.com. None of the involved parties make any guarantee of accuracy.

Basic Information

West Virginia [54]	Mason County [053]	Unknown [00000]	0.01 MI S OF CR 35/10	38-41-42 = 38.695000	081-53-42 = - 81.895000
00000000027A090	Highway agency district 1	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 6600		CR 66	Toll On free road [3]	Features intersected THIRTEENMILE CREEK	
Design - main	Steel [3]	Design - approach		Kilometerpoint 477.9 km = 296.3 mi	
1	Truss - Thru [10]	0	Other [00]	Year built #Num!	Year reconstructed N/A [0000]
				Skew angle 0	Structure Flared
				Historical significance Bridge is not eligible for the NRHP. [5]	
Total length 30.5 m = 100.1 ft	Length of maximum span 30.2 m = 99.1 ft	Deck width, out-to-out 4.1 m = 13.5 ft	Bridge roadway width, curb-to-curb 3.4 m = 11.2 ft		
Inventory Route, Total Horizontal Clearance 3.4 m = 11.2 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 1.3 km = 0.8 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating 5.4 metric ton = 5.9 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating 8.1 metric ton = 8.9 tons
Bridge posting		Design Load	

Functional Details

Average Daily Traffic	30	Average daily truck traffi	0	%	Year	2007	Future average daily traffic	45	Year	2027
Road classification	Local (Rural) [09]		Lanes on structure	1		Approach roadway width	3 m = 9.8 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			Minimum vertical clearance over bridge roadway	3.27 m = 10.7 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	800000	Roadway improvement cost	100000
	Length of structure improvement	30.5 m = 100.1 ft	Total project cost	900000
	Year of improvement cost estimate	2009		
	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 replacement [2]

Condition ratings - superstructure

Serious [3]

Appraisal ratings -
roadway alignment

Basically intolerable requiring high priority of corrective action [3]

Condition ratings - substructure

Fair [5]

Appraisal ratings -
deck geometry

Basically intolerable requiring high priority of replacement [2]

Condition ratings - deck

Fair [5]

Scour

Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]

Channel and channel protection

Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel. [5]

Appraisal ratings - water adequacy

Equal to present minimum criteria [6]

Status evaluation

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

0

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 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

Unknown [N00]

Other special inspection date