

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] Marshall County [051] Unknown [00000] 0.08 MI WEST JCT CR 21/3 39-47-06 = 39.785000 080-43-12 = - 80.720000

00000000026A052 Highway agency district 6 Owner State Highway Agency [01] Maintenance responsibility State Highway Agency [01]

Route 7400 COUNTY ROUTE 74 Toll On free road [3] Features intersected FISH CREEK

Design - main Steel [3] Design - approach Steel [3] Kilometerpoint 1646 km = 1020.5 mi

1 Truss - Thru [10] 2 Stringer/Multi-beam or girder [02] Year built 1913 Year reconstructed N/A [0000]

Skew angle 0 Structure Flared

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

Total length 67.7 m = 222.1 ft Length of maximum span 48.8 m = 160.1 ft Deck width, out-to-out 4.3 m = 14.1 ft Bridge roadway width, curb-to-curb 3.9 m = 12.8 ft

Inventory Route, Total Horizontal Clearance 4.1 m = 13.5 ft Curb or sidewalk width - left 0.2 m = 0.7 ft Curb or sidewalk width - right 0.2 m = 0.7 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 1.9 km = 1.2 mi Method to determine inventory rating Allowable Stress(AS) [2] Inventory rating 12.6 metric ton = 13.9 tons

Method to determine operating rating Allowable Stress(AS) [2] Operating rating 17.1 metric ton = 18.8 tons

Bridge posting 30.0 - 39.9 % below [1] Design Load

Functional Details

Average Daily Traffic	100	Average daily truck traffi	0	%	Year	2008	Future average daily traffic	143	Year	2028
Road classification	Major Collector (Rural) [07]	Lanes on structure	1	Approach roadway width	5.5 m = 18.0 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	6.09 m = 20.0 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	521000	Roadway improvement cost	489000						
	Length of structure improvement	79.2 m = 259.9 ft		Total project cost	1010000					
	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 corrective action [3]

Condition ratings - superstructure

Serious [3]

Appraisal ratings - roadway alignment

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

Condition ratings - substructure

Serious [3]

Appraisal ratings - deck geometry

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

Condition ratings - deck

Very Good [8]

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 desirable criteria [8]

Status evaluation

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

20.9

Culverts

Not applicable. Used if structure is not a culvert. [N]

Traffic safety features - railings

Traffic safety features - transitions

Traffic safety features - approach guardrail

Traffic safety features - approach guardrail ends

Inspection date

June 2010 [0610]

Designated inspection frequency

12

Months

Underwater inspection

Unknown [N00]

Underwater inspection date

Fracture critical inspection

Every year [Y12]

Fracture critical inspection date

June 2010 [0610]

Other special inspection

Every year [Y12]

Other special inspection date

June 2010 [0610]