

HistoricBridges.org - National Bridge Inventory Data Sheet

2007 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]	Marshall County [051]	Unknown [00000]	0.12 MI W JCT CR 74	39-48-54 = 39.815000	080-47-54 = - 80.798333
00000000026A040	Highway agency district 6	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 2700	COUNTY ROUTE 27	Toll On free road [3]	Features intersected	FISH CREEK	
Design - main 1	Steel [3] Truss - Thru [10]	Design - approach 0	Other [00]	Kilometerpoint 210.8 km = 130.7 mi	Year built 1886
				Year reconstructed	N/A [0000]
				Skew angle 0	Structure Flared
				Historical significance	Bridge is not eligible for the NRHP. [5]
Total length	61.9 m = 203.1 ft	Length of maximum span	61.3 m = 201.1 ft	Deck width, out-to-out	5.5 m = 18.0 ft
Inventory Route, Total Horizontal Clearance	5.1 m = 16.7 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 0.5 km = 0.3 mi	Method to determine inventory rating	No rating analysis performed [5]	Inventory rating	0 metric ton = 0.0 tons
	Method to determine operating rating	No rating analysis performed [5]	Operating rating	0 metric ton = 0.0 tons
Bridge posting	20.0 - 29.9 % below [2]	Design Load		

Functional Details

Average Daily Traffic	0	Average daily truck traffi	0	%	Year	2005	Future average daily traffic	0	Year	2025
Road classification	Local (Rural) [09]		Lanes on structure	2		Approach roadway width	6.1 m = 20.0 ft			
Type of service on bridge	Highway [1]		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	0 m = 0.0 ft					Minimum vertical clearance over bridge roadway	5.28 m = 17.3 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	600000	Roadway improvement cost	570000
	Length of structure improvement	72.5 m = 237.9 ft	Total project cost	1382000
	Year of improvement cost estimate	2004		
	Border bridge - state		Border bridge - percent responsibility of other state	
	Border bridge - structure number			

Inspection and Sufficiency

Structure status

Bridge closed to all traffic [K]

Appraisal ratings -
structural

Condition ratings - superstructure

Appraisal ratings -
roadway alignment

Condition ratings - substructure

Appraisal ratings -
deck geometry

Condition ratings - deck

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

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

Status evaluation

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

19.5

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

September 2006 [0906]

Designated inspection frequency

24

Months

Underwater inspection

Unknown [N00]

Underwater inspection date

Fracture critical inspection

Unknown [N00]

Fracture critical inspection date

Other special inspection

Unknown [N00]

Other special inspection date