

# HistoricBridges.org - National Bridge Inventory Data Sheet

2019 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]	Marion County [049]	Unknown [00000]	0.03 MI EAST US ROUTE 19	39-26-39.91 = 39.444419	080-16-28.85 = -80.274681
00000000025A185	Highway agency district: 4	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 9003	MARION CO RT 90/3	Toll On free road [3]	Features intersected	WEST FORK RIVER	
Design - main 2	Steel [3] Truss - Thru [10]	Design - approach 2	Steel [3] Stringer/Multi-beam or girder [02]	Kilometerpoint 4.8 km = 3.0 mi	Year built 1911 Year reconstructed N/A [0000]
				Skew angle 0	Structure Flared
				Historical significance Historical significance is not determinable at this time. [4]	
Total length	92.9 m = 304.8 ft	Length of maximum span	37.9 m = 124.3 ft	Deck width, out-to-out	3.7 m = 12.1 ft
Inventory Route, Total Horizontal Clearance	3.5 m = 11.5 ft	Curb or sidewalk width - left	1.1 m = 3.6 ft	Curb or sidewalk width - right	0 m = 0.0 ft
Deck structure type	Closed Grating [4]				
Type of wearing surface					
Deck protection					
Type of membrane/wearing surface					

## Weight Limits

Bypass, detour length	Method to determine inventory rating		Inventory rating	10.9 metric ton = 12.0 tons
0.3 km = 0.2 mi	Method to determine operating rating		Operating rating	23.6 metric ton = 26.0 tons
	Bridge posting		Design Load	

## Functional Details

Average Daily Traffic	375	Average daily truck traffi	9	%	Year	2017	Future average daily traffic	450	Year	2037
Road classification	Local (Urban) [19]		Lanes on structure	1		Approach roadway width	6.4 m = 21.0 ft			
Type of service on bridge	Highway-pedestrian [5]		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	2.67 m = 8.8 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	2871000	Roadway improvement cost	1336000
	Length of structure improvement	103.3 m = 338.9 ft	Total project cost	4353000
	Year of improvement cost estimate	2018		
	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	Fair [5]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Poor [4]		
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	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	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	Inspected feature meets currently acceptable standards. [1]		
Inspection date	October 2017 [1017]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	July 2014 [0714]
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	September 2018 [0918]
Other special inspection	Every year [Y12]	Other special inspection date	September 2018 [0918]