

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

Massachusetts [25]	Bristol County [005]	Fairhaven [22130]	.4 MI W OF NBED	41-38-20.97 = 41.639158	070-55-04.28 = -70.917856
F010023PFDOTNBI	Highway agency district: 5	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 6		US 6 (DRAWBRIDGE)	Toll On free road [3]	Features intersected WATER ACUSHNET RIVER	
Design - main	Steel [3]	Design - approach		Kilometerpoint 4457.9 km = 2763.9 mi	
2	Movable - Swing [17]	0	Other [00]	Year built #Num!	Year reconstructed 1997
				Skew angle 0	Structure Flared
				Historical significance Bridge is eligible for the NRHP. [2]	
Total length	86.3 m = 283.2 ft	Length of maximum span	43.3 m = 142.1 ft	Deck width, out-to-out	21.5 m = 70.5 ft
Inventory Route, Total Horizontal Clearance	15.3 m = 50.2 ft	Curb or sidewalk width - left	2.4 m = 7.9 ft	Curb or sidewalk width - right	2.4 m = 7.9 ft
Deck structure type	Open Grating [3]				
Type of wearing surface					
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	33.6 metric ton = 37.0 tons
0.8 km = 0.5 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	56 metric ton = 61.6 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	M 13.5 / H 15 [2]

Functional Details

Average Daily Traffic	18000	Average daily truck traffi	6	%	Year	2017	Future average daily traffic	28269	Year	2032
Road classification	Other Principal Arterial (Urban) [14]		Lanes on structure	4		Approach roadway width	21.9 m = 71.9 ft			
Type of service on bridge	Highway-pedestrian [5]		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 control on waterway (bridge permit required). [1]			
Navigation vertical clearanc	1.8 m = 5.9 ft		Navigation horizontal clearance	29 m = 95.1 ft						
Minimum navigation vertical clearance, vertical lift bridge	0 m = 0.0 ft					Minimum vertical clearance over bridge roadway	5.58 m = 18.3 ft			
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]									
Minimum lateral underclearance on right	0 = N/A					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]		
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost	6306000	Roadway improvement cost	631000
	Length of structure improvement	87 m = 285.4 ft	Total project cost	9460000
	Year of improvement cost estimate	2019		
	Border bridge - state		Border bridge - percent responsibility of other state	
	Border bridge - structure number			

Inspection and Sufficiency

Structure status	Open, no restriction [A]	Appraisal ratings - structural	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - deck	Good [7]		
Scour	Bridge foundations determined to be stable for assessed or calculated scour conditions; field review indicates action is required. [4]		
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	In place but in a deteriorated condition [3]	Sufficiency rating	54.6
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	Not applicable or a safety feature is not required. [N]		
Traffic safety features - approach guardrail ends	Not applicable or a safety feature is not required. [N]		
Inspection date	May 2017 [0517]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y36]	Underwater inspection date	October 2016 [1016]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	May 2017 [0517]
Other special inspection	Not needed [N]	Other special inspection date	