

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

Rhode Island [44]	Providence County [007]	Scituate [64220]	2.3 Mi S of JCT RI 12	41-43-48.32 = 41.730089	071-33-46.37 = -71.562881
2560	Highway agency district: 2	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 116	RI 116 MAIN ST	Toll On free road [3]	Features intersected	PAWTUXET RIVER	
Design - main Concrete [1]	Design - approach Other [00]	Kilometerpoint 435.6 km = 270.1 mi	Year built 1930	Year reconstructed N/A [0000]	
1	Arch - Deck [11]	0	Skew angle 45	Structure Flared	
			Historical significance	Bridge is eligible for the NRHP. [2]	
Total length 27.4 m = 89.9 ft	Length of maximum span 27.4 m = 89.9 ft	Deck width, out-to-out 17.7 m = 58.1 ft	Bridge roadway width, curb-to-curb 13.4 m = 44.0 ft		
Inventory Route, Total Horizontal Clearance 13.4 m = 44.0 ft	Curb or sidewalk width - left 2.1 m = 6.9 ft	Curb or sidewalk width - right 2.1 m = 6.9 ft			
Deck structure type	Not applicable [N]				
Type of wearing surface	Bituminous [6]				
Deck protection	Not applicable (applies only to structures with no deck) [N]				
Type of membrane/wearing surface	Not applicable (applies only to structures with no deck) [N]				

Weight Limits

Bypass, detour length 1 km = 0.6 mi	Method to determine inventory rating Load and Resistance Factor(LRFR) [3]	Inventory rating 21.8 metric ton = 24.0 tons
	Method to determine operating rating Load and Resistance Factor(LRFR) [3]	Operating rating 28.1 metric ton = 30.9 tons
Bridge posting Equal to or above legal loads [5]	Design Load M 18 / H 20 [4]	

Functional Details

Average Daily Traffic Average daily truck traffi % Year Future average daily traffic Year

Road classification Lanes on structure Approach roadway width

Type of service on bridge Direction of traffic Bridge median

Parallel structure designation

Type of service under bridge Lanes under structure Navigation control

Navigation vertical clearanc Navigation horizontal clearance

Minimum navigation vertical clearance, vertical lift bridge Minimum vertical clearance over bridge roadway

Minimum lateral underclearance reference feature

Minimum lateral underclearance on right Minimum lateral underclearance on left

Minimum Vertical Underclearance Minimum vertical underclearance reference feature

Appraisal ratings - underclearances

Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost Roadway improvement cost

Length of structure improvement Total project cost

Year of improvement cost estimate

Border bridge - state Border bridge - percent responsibility of other state

Border bridge - structure number

Inspection and Sufficiency

Structure status	<input type="text" value="Posted for load [P]"/>	Appraisal ratings - structural	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>
Condition ratings - superstructure	<input type="text" value="Fair [5]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Equal to present minimum criteria [6]"/>
Condition ratings - substructure	<input type="text" value="Satisfactory [6]"/>	Appraisal ratings - deck geometry	<input type="text" value="Equal to present minimum criteria [6]"/>
Condition ratings - deck	<input type="text" value="Satisfactory [6]"/>		
Scour	<input type="text" value="Bridge foundations (including piles) on dry land well above flood water elevations. [9]"/>		
Channel and channel protection	<input type="text" value="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	<input type="text" value="Better than present minimum criteria [7]"/>	Status evaluation	<input type="text"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="71.3"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text"/>		
Traffic safety features - transitions	<input type="text"/>		
Traffic safety features - approach guardrail	<input type="text"/>		
Traffic safety features - approach guardrail ends	<input type="text"/>		
Inspection date	<input type="text" value="November 2016 [1116]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Not needed [N]"/>	Underwater inspection date	<input type="text"/>
Fracture critical inspection	<input type="text" value="Not needed [N]"/>	Fracture critical inspection date	<input type="text"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>