

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]	Bristol County [001]	Bristol [09280]	0.8 Mi S of JCT RI 138	41-38-23.26 = 41.639794	071-15-28.37 = -71.257881
3000	Highway agency district: 6	Owner State Toll Authority [31]	Maintenance responsibility	State Toll Authority [31]	
Route 114	RI 114	Toll On free road [3]	Features intersected	MT HP BY,N SEC RR,114 LP	
Design - main Steel [3]	Design - approach Steel [3]	Kilometerpoint 1537 km = 952.9 mi	Year built 1929	Year reconstructed 1985	
3 Suspension [13]	28 Girder and floorbeam system [03]	Skew angle 0	Structure Flared		
		Historical significance	Bridge is on the NRHP. [1]		
Total length 1480.7 m = 4858.2 ft	Length of maximum span 365.8 m = 1200.2 ft	Deck width, out-to-out 9.7 m = 31.8 ft	Bridge roadway width, curb-to-curb 8.2 m = 26.9 ft		
Inventory Route, Total Horizontal Clearance 8.2 m = 26.9 ft	Curb or sidewalk width - left 0.7 m = 2.3 ft	Curb or sidewalk width - right 0.7 m = 2.3 ft			
Deck structure type	Closed Grating [4]				
Type of wearing surface	Bituminous [6]				
Deck protection	Other [9]				
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 3.2 km = 2.0 mi	Method to determine inventory rating	Load and Resistance Factor Rating (L	Inventory rating	20.1 metric ton = 22.1 tons
	Method to determine operating rating	Load and Resistance Factor Rating (L	Operating rating	26.2 metric ton = 28.8 tons
Bridge posting	Equal to or above legal loads [5]		Design Load	MS 18 / HS 20 [5]

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="Open, no restriction [A]"/>	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="Satisfactory [6]"/>	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="Basically intolerable requiring high priority of corrective action [3]"/>
Condition ratings - deck	<input type="text" value="Satisfactory [6]"/>		
Scour	<input type="text" value="Bridge is scour critical; bridge foundations determined to be unstable. [3]"/>		
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="Superior to present desirable criteria [9]"/>	Status evaluation	<input type="text" value="Functionally obsolete [2]"/>
Pier or abutment protection	<input type="text" value="None present but re-evaluation suggested [5]"/>	Sufficiency rating	<input type="text" value="49"/>
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="Unknown [Y60]"/>	Underwater inspection date	<input type="text" value="November 2016 [1116]"/>
Fracture critical inspection	<input type="text" value="Every two years [Y24]"/>	Fracture critical inspection date	<input type="text" value="November 2016 [1116]"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>