

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.
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Basic Information

Rhode Island [44]	Providence County [007]	Cumberland [20080]	0.1 Mi E of JCT RI 114	41-54-27.17 = 41.907547	071-23-31.48 = -71.392078
9430	Highway agency district: 1	Owner Town or Township Highway Agency [03]	Maintenance responsibility	Town or Township Highway Agency [03]	
Route 0	East [2]	CHURCH ST	Toll On free road [3]	Features intersected P&W RR	
Design - main	Steel [3]	Design - approach		Kilometerpoint	8 km = 5.0 mi
1	Truss - Thru [10]	0	Other [00]	Year built	1882
				Year reconstructed	1995
				Skew angle	5
				Structure Flared	
				Historical significance	Bridge is eligible for the NRHP. [2]
Total length	33.1 m = 108.6 ft	Length of maximum span	32.6 m = 107.0 ft	Deck width, out-to-out	10.7 m = 35.1 ft
				Bridge roadway width, curb-to-curb	4.5 m = 14.8 ft
Inventory Route, Total Horizontal Clearance	4.5 m = 14.8 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	Wood or Timber [8]				
Type of wearing surface	Bituminous [6]				
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load and Resistance Factor(LRFR) [3]	Inventory rating	12.7 metric ton = 14.0 tons
0.1 km = 0.1 mi	Method to determine operating rating	Load and Resistance Factor(LRFR) [3]	Operating rating	17.2 metric ton = 18.9 tons
Bridge posting	Equal to or above legal loads [5]		Design Load	MS 18 / HS 20 [5]

Functional Details

Average Daily Traffic	1111	Average daily truck traffi	10	%	Year	2015	Future average daily traffic	1334	Year	2036
Road classification	Minor Arterial (Urban) [16]		Lanes on structure	1		Approach roadway width	8.8 m = 28.9 ft			
Type of service on bridge	Highway-pedestrian [5]		Direction of traffic	1 - way traffic [1]		Bridge median				
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Railroad [2]		Lanes under structure	0		Navigation control	Not applicable, no waterway. [N]			
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	3.87 m = 12.7 ft				
Minimum lateral underclearance reference feature	Railroad beneath structure [R]									
Minimum lateral underclearance on right	4.1 m = 13.5 ft				Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	5.74 m = 18.8 ft			Minimum vertical underclearance reference feature	Railroad beneath structure [R]					
Appraisal ratings - underclearances	Basically intolerable requiring high priority of corrective action [3]									

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	3187000	Roadway improvement cost	319000						
	Length of structure improvement	34.4 m = 112.9 ft		Total project cost	4270000					
	Year of improvement cost estimate									
	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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Poor [4]	Appraisal ratings - roadway alignment	Better than present minimum criteria [7]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Good [7]		
Scour	Bridge not over waterway. [N]		
Channel and channel protection	Not applicable. [N]		
Appraisal ratings - water adequacy	N/A [N]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	18.6
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	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			
Inspection date	October 2017 [1017]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	October 2017 [1017]
Other special inspection	Every year [Y12]	Other special inspection date	October 2017 [1017]