

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

New Hampshire [33] Sullivan County [019] Charlestown [11380] NH VT STATE LINE 43-15-36 = 43.260000 072-25-37 = - 72.426944

004201350005200 Highway agency district: 4 Owner State Highway Agency [01] Maintenance responsibility State Highway Agency [01]

Route 0 NH 11 Toll On free road [3] Features intersected CONNECTICUT RIVER

Design - main Steel [3] Design - approach Other [00] Kilometerpoint 148.1 km = 91.8 mi
 3 Truss - Thru [10] 0 Other [00] Year built #Num! Year reconstructed 1992
 Skew angle 0 Structure Flared
 Historical significance Bridge is eligible for the NRHP. [2]

Total length 152.4 m = 500.0 ft Length of maximum span 50.3 m = 165.0 ft Deck width, out-to-out 6.7 m = 22.0 ft Bridge roadway width, curb-to-curb 6.4 m = 21.0 ft

Inventory Route, Total Horizontal Clearance 6.4 m = 21.0 ft Curb or sidewalk width - left 0 m = 0.0 ft Curb or sidewalk width - right 0 m = 0.0 ft

Deck structure type Concrete Cast-in-Place [1]

Type of wearing surface Bituminous [6]

Deck protection

Type of membrane/wearing surface Other [9]

Weight Limits

Bypass, detour length 2.9 km = 1.8 mi Method to determine inventory rating Load Factor(LF) [1] Inventory rating 32.7 metric ton = 36.0 tons

Method to determine operating rating Load Factor(LF) [1] Operating rating 55.3 metric ton = 60.8 tons

Bridge posting Equal to or above legal loads [5] Design Load M 13.5 / H 15 [2]

Functional Details

Average Daily Traffic	6700	Average daily truck traffi	4 %	Year	2007	Future average daily traffic	9916	Year	2032
Road classification	Local (Rural) [09]	Lanes on structure	2	Approach roadway width	7.3 m = 24.0 ft				
Type of service on bridge	Highway [1]	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 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	5.03 m = 16.5 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	2000000	Roadway improvement cost	200000			
	Length of structure improvement	152.4 m = 500.0 ft		Total project cost	2500000		
	Year of improvement cost estimate	2011					
	Border bridge - state	Unknown [501]			Border bridge - percent responsibility of other state		
	Border bridge - structure number	0					

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 minimum criteria [6]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Satisfactory [6]		
Scour	Countermeasures have been installed to mitigate an existing problem with scour. [7]		
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	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	50.9
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	April 2010 [0410]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	April 2010 [0410]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	April 2010 [0410]
Other special inspection	Not needed [N]	Other special inspection date	