

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**

Maine [23]	Lincoln County [015]	Boothbay [06050]	1.4 MI E TOWNLINE	43-52-53 = 43.881389	069-40-18 = - 69.671667		
2039	Highway agency district	2	Owner	State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route	0	SA#5	Toll	On free road [3]	Features intersected	BACK RIVER	
Design - main	Steel [3]	Design - approach	Steel [3]	Kilometerpoint	347.6 km = 215.5 mi		
2	Movable - Swing [17]	2	Stringer/Multi-beam or girder [02]	Year built	1931	Year reconstructed	2009
				Skew angle	5	Structure Flared	Yes, flared [1]
				Historical significance	Bridge is not eligible for the NRHP. [5]		
Total length	87.8 m = 288.1 ft		Length of maximum span	16.8 m = 55.1 ft		Deck width, out-to-out	9.1 m = 29.9 ft
Inventory Route, Total Horizontal Clearance	6.1 m = 20.0 ft		Curb or sidewalk width - left	0.1 m = 0.3 ft		Curb or sidewalk width - right	0.1 m = 0.3 ft
Deck structure type	Concrete Cast-in-Place [1]						
Type of wearing surface	Monolithic Concrete (concurrently placed with structural deck) [1]						
Deck protection							
Type of membrane/wearing surface							

**Weight Limits**

Bypass, detour length	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	20 metric ton = 22.0 tons
15.9 km = 9.9 mi	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	29 metric ton = 31.9 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	MS 18+Mod / HS 20+Mod [6]

### Functional Details

Average Daily Traffic	1030	Average daily truck traffi	8	%	Year	2010	Future average daily traffic	1545	Year	2030
Road classification	Minor Collector (Rural) [08]		Lanes on structure	2		Approach roadway width	10.4 m = 34.1 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 control on waterway (bridge permit required). [1]			
Navigation vertical clearanc	1.8 m = 5.9 ft			Navigation horizontal clearance	11 m = 36.1 ft					
Minimum navigation vertical clearance, vertical lift bridge	0 m = 0.0 ft				Minimum vertical clearance over bridge roadway	99.9 m = 327.8 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	99.9 = Unlimited				
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	2869000	Roadway improvement cost	287000						
	Length of structure improvement	90.5 m = 296.9 ft		Total project cost	4304000					
	Year of improvement cost estimate	2004								
	Border bridge - state		Border bridge - percent responsibility of other state							
	Border bridge - structure number	n/a								

## 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 replacement [2]"/>
Condition ratings - deck	<input type="text" value="Good [7]"/>		
Scour	<input type="text" value="Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]"/>		
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="Equal to present desirable criteria [8]"/>	Status evaluation	<input type="text"/>
Pier or abutment protection	<input type="text" value="Navigation protection not required [1]"/>	Sufficiency rating	<input type="text" value="42.9"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - transitions	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail	<input type="text"/>		
Traffic safety features - approach guardrail ends	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Inspection date	<input type="text" value="October 2010 [1010]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Unknown [Y48]"/>	Underwater inspection date	<input type="text" value="November 2010 [1110]"/>
Fracture critical inspection	<input type="text" value="Every two years [Y24]"/>	Fracture critical inspection date	<input type="text"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>