

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

Maine [23]	Waldo County [027]	Prospect [61210]	COUNTY LINE&TL	44-33-36 = 44.560000	068-48-12 = - 68.803333
3008	Highway agency district 2	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 1	US 1 & 3	Toll On free road [3]	Features intersected	PENOBSCOT RIVER	
Design - main	Steel [3]	Design - approach	Steel continuous [4]	Kilometerpoint	27769.2 km = 17216.9 mi
3	Suspension [13]	9	Stringer/Multi-beam or girder [02]	Year built	1931
				Year reconstructed	1984
				Skew angle	0
				Structure Flared	Yes, flared [1]
				Historical significance	Bridge is on the NRHP. [1]
Total length	622.4 m = 2042.1 ft	Length of maximum span	243.8 m = 799.9 ft	Deck width, out-to-out	8.5 m = 27.9 ft
Inventory Route, Total Horizontal Clearance	7 m = 23.0 ft	Curb or sidewalk width - left	0.8 m = 2.6 ft	Curb or sidewalk width - right	0.8 m = 2.6 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	32.7 metric ton = 36.0 tons
6.4 km = 4.0 mi	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	45.4 metric ton = 49.9 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	M 18 / H 20 [4]

Functional Details

Average Daily Traffic	7926	Average daily truck traffi	9	%	Year	2006	Future average daily traffic	11096	Year	2026
Road classification	Principal Arterial - Other (Rural) [02]		Lanes on structure	2		Approach roadway width	11.6 m = 38.1 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	41.1 m = 134.8 ft			Navigation horizontal clearance	228.6 m = 750.0 ft					
Minimum navigation vertical clearance, vertical lift bridge	0 m = 0.0 ft			Minimum vertical clearance over bridge roadway	5.84 m = 19.2 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	17938000		Roadway improvement cost	1794000					
	Length of structure improvement	632.2 m = 2074.2 ft			Total project cost	26907000				
	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	Open, would be posted or closed except for temporary shoring [D]	Appraisal ratings - structural	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - superstructure	Serious [3]	Appraisal ratings - roadway alignment	Better than present minimum criteria [7]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Serious [3]		
Scour	Bridge over "tidal" waters that has not been evaluated for scour, but considered low risk. [T]		
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	Superior to present desirable criteria [9]	Status evaluation	Structurally deficient [1]
Pier or abutment protection	None present but re-evaluation suggested [5]	Sufficiency rating	17
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions			
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends			
Inspection date	February 2006 [0206]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	November 1997 [1197]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	April 1998 [0498]
Other special inspection	Every two years [Y24]	Other special inspection date	April 1998 [0498]