

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] Cumberland County [005] Naples [48085] .4 MI W TOWNLINE 43-55-55 = 43.931944 070-34-41 = 70.578056

2780 Highway agency district 1 Owner State Highway Agency [01] Maintenance responsibility State Highway Agency [01]

Route 0 SA Toll On free road [3] Features intersected SONGO RIVER

Design - main Steel [3] Design - approach Other [00] Kilometerpoint 370.1 km = 229.5 mi
 2 Movable - Swing [17] 0 Other [00] Year built 1926 Year reconstructed N/A [0000]
 Skew angle 0 Structure Flared
 Historical significance Bridge is eligible for the NRHP. [2]

Total length 18.3 m = 60.0 ft Length of maximum span 17.1 m = 56.1 ft Deck width, out-to-out 4.4 m = 14.4 ft Bridge roadway width, curb-to-curb 4.1 m = 13.5 ft

Inventory Route, Total Horizontal Clearance 4 m = 13.1 ft Curb or sidewalk width - left 0 m = 0.0 ft Curb or sidewalk width - right 0 m = 0.0 ft

Deck structure type Open Grating [3]

Type of wearing surface Epoxy Overlay [5]

Deck protection

Type of membrane/wearing surface

Weight Limits

Bypass, detour length 1.1 km = 0.7 mi Method to determine inventory rating Allowable Stress(AS) [2] Inventory rating 8.2 metric ton = 9.0 tons

Method to determine operating rating Allowable Stress(AS) [2] Operating rating 11.8 metric ton = 13.0 tons

Bridge posting 20.0 - 29.9 % below [2] Design Load M 9 / H 10 [1]

Functional Details

Average Daily Traffic	840	Average daily truck traffi	8	%	Year	2010	Future average daily traffic	1260	Year	2030
Road classification	Minor Collector (Rural) [08]	Lanes on structure	2	Approach roadway width	7.9 m = 25.9 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	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	910000	Roadway improvement cost	91000						
	Length of structure improvement	20.1 m = 65.9 ft		Total project cost	1365000					
	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	Posted for load [P]	Appraisal ratings - structural	Basically intolerable requiring high priority of replacement [2]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
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	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	23
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions			
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends			
Inspection date	April 2009 [0409]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	March 2010 [0310]
Other special inspection	Not needed [N]	Other special inspection date	