

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]		Sagadahoc County [023]		Arrowsic [01570]		0.2 MI S'LY OF JCT US1		43-53-34 = 43.892778		069-48-01 = - 69.800278							
2026		Highway agency district		2		Owner		State Highway Agency [01]		Maintenance responsibility		State Highway Agency [01]							
Route		127		ROUTE 127		Toll		On free road [3]		Features intersected		SASONOA RIVER							
Design - main		Steel [3]		Design - approach		Steel [3]		Kilometerpoint		2447.8 km = 1517.6 mi		Year built		1950		Year reconstructed		1985	
3		Truss - Thru [10]		4		Stringer/Multi-beam or girder [02]		Skew angle		0		Structure Flared				Historical significance		Bridge is eligible for the NRHP. [2]	
Total length		255.4 m = 838.0 ft		Length of maximum span		91.4 m = 299.9 ft		Deck width, out-to-out		8.5 m = 27.9 ft		Bridge roadway width, curb-to-curb		7.3 m = 24.0 ft					
Inventory Route, Total Horizontal Clearance		7.3 m = 24.0 ft		Curb or sidewalk width - left		0.6 m = 2.0 ft		Curb or sidewalk width - right		0.6 m = 2.0 ft									
Deck structure type		Concrete Cast-in-Place [1]																	
Type of wearing surface		Bituminous [6]																	
Deck protection																			
Type of membrane/wearing surface		Preformed Fabric [2]																	

Weight Limits				
Bypass, detour length	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	23.6 metric ton = 26.0 tons
15.9 km = 9.9 mi	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	38.1 metric ton = 41.9 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	M 18 / H 20 [4]	

Functional Details

Average Daily Traffic	3700	Average daily truck traffi	8	%	Year	2010	Future average daily traffic	5180	Year	2030
Road classification	Major Collector (Rural) [07]		Lanes on structure	2		Approach roadway width	9.4 m = 30.8 ft			
Type of service on bridge	Highway-pedestrian [5]		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	15.5 m = 50.9 ft			Navigation horizontal clearance	61 m = 200.1 ft					
Minimum navigation vertical clearance, vertical lift bridge	0 m = 0.0 ft				Minimum vertical clearance over bridge roadway	4.55 m = 14.9 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	7592000	Roadway improvement cost	759000		
	Length of structure improvement	260.3 m = 854.0 ft		Total project cost	11388000	
	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, no restriction [A]	Appraisal ratings - structural	Equal to present minimum criteria [6]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge over "tidal" waters that has not been evaluated for scour, but considered low risk. [T]		
Channel and channel protection	Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8]		
Appraisal ratings - water adequacy	Superior to present desirable criteria [9]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection	Navigation protection not required [1]	Sufficiency rating	47.5
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
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	December 2010 [1210]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	December 2006 [1206]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	December 2004 [1204]
Other special inspection	Not needed [N]	Other special inspection date	