

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 Jersey [34]		Somerset County [035]		Bedminster [04450]		SOUTH OF MILNOR ROAD		40-38-04.50 = 40.634583		074-41-11.94 = -74.686650	
18D1004		Highway agency district 2		Owner County Highway Agency [02]		Maintenance responsibility		County Highway Agency [02]			
Route 641		BURNT MILLS ROAD		Toll On free road [3]		Features intersected LAMINGTON RIVER					
Design - main Steel [3]		Design - approach		Kilometerpoint 362.1 km = 224.5 mi		Year built 1919		Year reconstructed 1985			
1 Truss - Thru [10]		0 Other [00]		Skew angle 13		Structure Flared		Historical significance Bridge is not eligible for the NRHP. [5]			
Total length 26.2 m = 86.0 ft		Length of maximum span 25 m = 82.0 ft		Deck width, out-to-out 4.9 m = 16.1 ft		Bridge roadway width, curb-to-curb 4.6 m = 15.1 ft					
Inventory Route, Total Horizontal Clearance 4.6 m = 15.1 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		Other [9]									
Deck protection											
Type of membrane/wearing surface											

Weight Limits

Bypass, detour length		Method to determine inventory rating		Load Factor(LF) [1]		Inventory rating		16.3 metric ton = 17.9 tons	
1 km = 0.6 mi		Method to determine operating rating		Load Factor(LF) [1]		Operating rating		27.2 metric ton = 29.9 tons	
Bridge posting		Equal to or above legal loads [5]		Design Load					

Functional Details

Average Daily Traffic	1570	Average daily truck traffi	3	%	Year	2013	Future average daily traffic	2120	Year	2033
Road classification	Local (Rural) [09]		Lanes on structure	1		Approach roadway width	5.5 m = 18.0 ft			
Type of service on bridge	Highway [1]		Direction of traffic	One lane bridge for 2 - way traffic [3]		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	99.99 m = 328.1 ft					
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]									
Minimum lateral underclearance on right	0 = N/A				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	1311000	Roadway improvement cost	50000						
	Length of structure improvement	34.1 m = 111.9 ft		Total project cost	1752000					
	Year of improvement cost estimate	2011								
	Border bridge - state		Border bridge - percent responsibility of other state							
	Border bridge - structure number									

Inspection and Sufficiency

Structure status	Posted for load [P]	Appraisal ratings - structural	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Good [7]		
Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]		
Channel and channel protection	Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel. [5]		
Appraisal ratings - water adequacy	Better than present minimum criteria [7]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection	Navigation protection not required [1]	Sufficiency rating	45
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	November 2013 [1113]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	November 2013 [1113]
Other special inspection	Not needed [N]	Other special inspection date	