

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]		Hunterdon County [019]		Califon [09280]		0.5 MI SE OF CO RT 513		40-43-13.80 = 40.720500		074-50-15.64 = -74.837678	
100J001		Highway agency district 2		Owner County Highway Agency [02]		Maintenance responsibility		County Highway Agency [02]			
Route 512		COUNTY ROUTE 512		Toll On free road [3]		Features intersected SOUTH BRANCH RARITAN RVR					
Design - main Steel [3]		Design - approach		Kilometerpoint 86.9 km = 53.9 mi		Year built 1887		Year reconstructed 1987			
1		Stringer/Multi-beam or girder [02]		0		Other [00]		Skew angle 0		Structure Flared	
								Historical significance Bridge is eligible for the NRHP. [2]			
Total length 30.5 m = 100.1 ft		Length of maximum span 29 m = 95.1 ft		Deck width, out-to-out 7.9 m = 25.9 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 1.4 m = 4.6 ft		Curb or sidewalk width - right 1.4 m = 4.6 ft							
Deck structure type		Closed Grating [4]									
Type of wearing surface		Monolithic Concrete (concurrently placed with structural deck) [1]									
Deck protection											
Type of membrane/wearing surface											

Weight Limits

Bypass, detour length 0.8 km = 0.5 mi		Method to determine inventory rating		Load Factor(LF) [1]		Inventory rating 73.5 metric ton = 80.9 tons	
		Method to determine operating rating		Load Factor(LF) [1]		Operating rating 89.8 metric ton = 98.8 tons	
Bridge posting		Equal to or above legal loads [5]		Design Load		MS 18+Mod / HS 20+Mod [6]	

Functional Details

Average Daily Traffic Average daily truck traffi % Year Future average daily traffic Year

Road classification Lanes on structure Approach roadway width

Type of service on bridge Direction of traffic Bridge median

Parallel structure designation

Type of service under bridge Lanes under structure Navigation control

Navigation vertical clearanc Navigation horizontal clearance

Minimum navigation vertical clearance, vertical lift bridge Minimum vertical clearance over bridge roadway

Minimum lateral underclearance reference feature

Minimum lateral underclearance on right Minimum lateral underclearance on left

Minimum Vertical Underclearance Minimum vertical underclearance reference feature

Appraisal ratings - underclearances

Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost Roadway improvement cost

Length of structure improvement Total project cost

Year of improvement cost estimate

Border bridge - state Border bridge - percent responsibility of other state

Border bridge - structure number

Inspection and Sufficiency

Structure status	Open, no restriction [A]	Appraisal ratings - structural	Equal to present minimum criteria [6]
Condition ratings - superstructure	Good [7]	Appraisal ratings - roadway alignment	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Fair [5]		

Scour	Countermeasures have been installed to mitigate an existing problem with scour. [7]
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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]
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Appraisal ratings - water adequacy	Equal to present desirable criteria [8]	Status evaluation	
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Pier or abutment protection		Sufficiency rating	79.2
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Culverts	Not applicable. Used if structure is not a culvert. [N]
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Traffic safety features - railings	Inspected feature meets currently acceptable standards. [1]
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Traffic safety features - transitions	
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Traffic safety features - approach guardrail	
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Traffic safety features - approach guardrail ends	Inspected feature meets currently acceptable standards. [1]
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Inspection date	June 2013 [0613]	Designated inspection frequency	24	Months
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Underwater inspection	Not needed [N]	Underwater inspection date	
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Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
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Other special inspection	Not needed [N]	Other special inspection date	
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