

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

New Jersey [34]		Hunterdon County [019]		Clinton [13720]	0.52 MI EAST OF RTE I-78		40-38-06.13 = 40.635036	074-54-42.22 = -74.911728							
1004151	Highway agency district	2	Owner	State Highway Agency [01]		Maintenance responsibility	State Highway Agency [01]								
Route	173		NJ 173	Toll	On free road [3]		Features intersected	SOUTH BR RARITAN RIVER							
Design - main	Steel [3]	Design - approach		Kilometerpoint	2182.3 km = 1353.0 mi		Year built	1926	Year reconstructed	2006					
	3		Girder and floorbeam system [03]	0	Other [00]	Skew angle	0	Structure Flared							
Total length		57.3 m = 188.0 ft		Length of maximum span		19.2 m = 63.0 ft		Deck width, out-to-out		12.6 m = 41.3 ft		Bridge roadway width, curb-to-curb		12.2 m = 40.0 ft	
Inventory Route, Total Horizontal Clearance		12.2 m = 40.0 ft		Curb or sidewalk width - left		1.8 m = 5.9 ft		Curb or sidewalk width - right		1.8 m = 5.9 ft					
Deck structure type		Concrete Cast-in-Place [1]													
Type of wearing surface		Bituminous [6]													
Deck protection															
Type of membrane/wearing surface															

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	27.2 metric ton = 29.9 tons
0.3 km = 0.2 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	42.6 metric ton = 46.9 tons
Bridge posting	Equal to or above legal loads [5]		Design Load	

Functional Details

Average Daily Traffic	<input type="text" value="18038"/>	Average daily truck traffi	<input type="text" value="4"/>	%	Year	<input type="text" value="2012"/>	Future average daily traffic	<input type="text" value="21646"/>	Year	<input type="text" value="2032"/>
Road classification	<input type="text" value="Minor Arterial (Urban) [16]"/>		Lanes on structure	<input type="text" value="2"/>		Approach roadway width	<input type="text" value="12.2 m = 40.0 ft"/>			
Type of service on bridge	<input type="text" value="Highway-pedestrian [5]"/>		Direction of traffic	<input type="text" value="2 - way traffic [2]"/>		Bridge median	<input type="text"/>			
Parallel structure designation	<input type="text" value="No parallel structure exists. [N]"/>									
Type of service under bridge	<input type="text" value="Waterway [5]"/>		Lanes under structure	<input type="text" value="0"/>		Navigation control	<input type="text"/>			
Navigation vertical clearanc	<input type="text" value="0 = N/A"/>			Navigation horizontal clearance	<input type="text" value="0 = N/A"/>					
Minimum navigation vertical clearance, vertical lift bridge	<input type="text"/>					Minimum vertical clearance over bridge roadway	<input type="text" value="99.99 m = 328.1 ft"/>			
Minimum lateral underclearance reference feature	<input type="text" value="Feature not a highway or railroad [N]"/>									
Minimum lateral underclearance on right	<input type="text" value="0 = N/A"/>					Minimum lateral underclearance on left	<input type="text" value="0 = N/A"/>			
Minimum Vertical Underclearance	<input type="text" value="0 = N/A"/>			Minimum vertical underclearance reference feature	<input type="text" value="Feature not a highway or railroad [N]"/>					
Appraisal ratings - underclearances	<input type="text" value="N/A [N]"/>									

Repair and Replacement Plans

Type of work to be performed	<input type="text"/>									
<input type="text"/>	Work done by	<input type="text"/>								
	Bridge improvement cost	<input type="text"/>			Roadway improvement cost	<input type="text"/>				
	Length of structure improvement	<input type="text"/>			Total project cost	<input type="text"/>				
	Year of improvement cost estimate	<input type="text"/>								
	Border bridge - state	<input type="text"/>				Border bridge - percent responsibility of other state	<input type="text"/>			
	Border bridge - structure number	<input type="text"/>								

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	Good [7]	Appraisal ratings - deck geometry	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - deck	Good [7]		

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	
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Pier or abutment protection		Sufficiency rating	89.5
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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

October 2012 [1012]

Designated inspection frequency

24

Months

Underwater inspection	Not needed [N]	Underwater inspection date	
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Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	October 2012 [1012]
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Other special inspection	Not needed [N]	Other special inspection date	
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