

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]	High Bridge [31320]	1000 FT.SE OF COUNTY 513	40-39-56.50 = 40.665694	074-53-29.90 = -74.891639
1000053	Highway agency district	2	Owner	County Highway Agency [02]	Maintenance responsibility
Route	0	WASHINGTON AVENUE	Toll	On free road [3]	Features intersected
					SOUTH BRANCH RARITAN R.
Design - main	Concrete [1]	Design - approach		Kilometerpoint	57.9 km = 35.9 mi
2	Arch - Deck [11]	0	Other [00]	Year built	1920
				Year reconstructed	N/A [0000]
				Skew angle	14
				Structure Flared	
				Historical significance	Bridge is not eligible for the NRHP. [5]
Total length	34.9 m = 114.5 ft	Length of maximum span	16.8 m = 55.1 ft	Deck width, out-to-out	13.6 m = 44.6 ft
				Bridge roadway width, curb-to-curb	9.8 m = 32.2 ft
Inventory Route, Total Horizontal Clearance	9.8 m = 32.2 ft	Curb or sidewalk width - left	1.5 m = 4.9 ft	Curb or sidewalk width - right	1.4 m = 4.6 ft
Deck structure type	Not applicable [N]				
Type of wearing surface	Not applicable (applies only to structures with no deck) [N]				
Deck protection					
Type of membrane/wearing surface	Not applicable (applies only to structures with no deck) [N]				

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	46.3 metric ton = 50.9 tons
0.2 km = 0.1 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	63.5 metric ton = 69.9 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	

Functional Details

Average Daily Traffic	3236	Average daily truck traffi	3	%	Year	2013	Future average daily traffic	3949	Year	2033
Road classification	Collector (Urban) [17]	Lanes on structure	2	Approach roadway width	9.8 m = 32.2 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 vertical clearanc	0 = N/A		Navigation horizontal clearance	0 = N/A						
Minimum navigation vertical clearance, vertical lift bridge			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]								
Other structural work, including hydraulic replacements. [38]	Bridge improvement cost	13000	Roadway improvement cost	2000						
	Length of structure improvement	47.5 m = 155.8 ft		Total project cost	20000					
	Year of improvement cost estimate	2009								
	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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Not Applicable [N]		

Scour	Bridge foundations determined to be stable for assessed or calculated scour conditions; field review indicates action is required. [4]
-------	--

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	Equal to present desirable criteria [8]	Status evaluation	
------------------------------------	---	-------------------	--

Pier or abutment protection		Sufficiency rating	83.6
-----------------------------	--	--------------------	------

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	May 2013 [0513]	Designated inspection frequency	24	Months
Underwater inspection	Not needed [N]	Underwater inspection date		
Fracture critical inspection	Not needed [N]	Fracture critical inspection date		
Other special inspection	Not needed [N]	Other special inspection date		