

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]	Monmouth County [025]	Belmar [04930]	0.47 MI NORTH OF ROUTE 35	40-11-05.00 = 40.184722	074-01-24.81 = -74.023558
1321150	Highway agency district 2	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 71	ROUTE NJ 71	Toll On free road [3]	Features intersected	SHARK RIVER	
Design - main Steel [3]	Design - approach Steel continuous [4]	Kilometerpoint 947.9 km = 587.7 mi	Year built 1932	Year reconstructed 1989	
1	Movable - Bascule [16]	9	Girder and floorbeam system [03]	Skew angle 0	Structure Flared
		Historical significance Bridge is not eligible for the NRHP. [5]			
Total length 262.1 m = 860.0 ft	Length of maximum span 27.4 m = 89.9 ft	Deck width, out-to-out 20.9 m = 68.6 ft	Bridge roadway width, curb-to-curb 15.2 m = 49.9 ft		
Inventory Route, Total Horizontal Clearance 15.2 m = 49.9 ft	Curb or sidewalk width - left 2 m = 6.6 ft	Curb or sidewalk width - right 2 m = 6.6 ft			
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Monolithic Concrete (concurrently placed with structural deck) [1]				
Deck protection					
Type of membrane/wearing surface					

**Weight Limits**

Bypass, detour length 0.2 km = 0.1 mi	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	30.8 metric ton = 33.9 tons
	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	51.7 metric ton = 56.9 tons
Bridge posting	Equal to or above legal loads [5]		Design Load	

### Functional Details

Average Daily Traffic	6354	Average daily truck traffi	4	%	Year	2013	Future average daily traffic	7625	Year	2033
Road classification	Minor Arterial (Urban) [16]	Lanes on structure	3		Approach roadway width	15.2 m = 49.9 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	2.7 m = 8.9 ft	Navigation horizontal clearance	15.2 m = 49.9 ft							
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]			
Other structural work, including hydraulic replacements. [38]	Bridge improvement cost	1870000	Roadway improvement cost		
	Length of structure improvement	262.1 m = 860.0 ft	Total project cost	1870000	
	Year of improvement cost estimate	2013			
	Border bridge - state		Border bridge - percent responsibility of other state		
	Border bridge - structure number				

## Inspection and Sufficiency

Structure status	<input type="text" value="Open, no restriction [A]"/>	Appraisal ratings - structural	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>
Condition ratings - superstructure	<input type="text" value="Fair [5]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Better than present minimum criteria [7]"/>
Condition ratings - substructure	<input type="text" value="Fair [5]"/>	Appraisal ratings - deck geometry	<input type="text" value="Equal to present minimum criteria [6]"/>
Condition ratings - deck	<input type="text" value="Fair [5]"/>		
Scour	<input type="text" value="Bridge is scour critical; bridge foundations determined to be unstable. [3]"/>		
Channel and channel protection	<input type="text" value="Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly. [6]"/>		
Appraisal ratings - water adequacy	<input type="text" value="Superior to present desirable criteria [9]"/>	Status evaluation	<input type="text"/>
Pier or abutment protection	<input type="text" value="In place but in a deteriorated condition [3]"/>	Sufficiency rating	<input type="text" value="78.6"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text"/>		
Traffic safety features - transitions	<input type="text"/>		
Traffic safety features - approach guardrail	<input type="text"/>		
Traffic safety features - approach guardrail ends	<input type="text"/>		
Inspection date	<input type="text" value="July 2013 [0713]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Every two years [Y24]"/>	Underwater inspection date	<input type="text" value="November 2012 [1112]"/>
Fracture critical inspection	<input type="text" value="Every two years [Y24]"/>	Fracture critical inspection date	<input type="text" value="July 2013 [0713]"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>