

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]		Monmouth County [025]		Manasquan [43050]		0.1MI EAST OF GREEN AVE.		40-06-42.61 = 40.111836		074-02-41.85 = -74.044958	
13000W9		Highway agency district 2		Owner County Highway Agency [02]		Maintenance responsibility		County Highway Agency [02]			
Route 0		BRIELLE ROAD		Toll On free road [3]		Features intersected GLIMMER GLASS					
Design - main Steel [3]		Design - approach Wood or timber [7]		Kilometerpoint 90.1 km = 55.9 mi		Year built 1920		Year reconstructed 1994			
1 Movable - Bascule [16]		16 Slab [01]		Skew angle 0		Structure Flared		Historical significance Bridge is on the NRHP. [1]			
Total length 85 m = 278.9 ft		Length of maximum span 10.4 m = 34.1 ft		Deck width, out-to-out 9.1 m = 29.9 ft		Bridge roadway width, curb-to-curb 6.1 m = 20.0 ft					
Inventory Route, Total Horizontal Clearance 6.1 m = 20.0 ft		Curb or sidewalk width - left 2 m = 6.6 ft		Curb or sidewalk width - right 0 m = 0.0 ft							
Deck structure type		Wood or Timber [8]									
Type of wearing surface		Bituminous [6]									
Deck protection											
Type of membrane/wearing surface											

Weight Limits

Bypass, detour length 0.3 km = 0.2 mi		Method to determine inventory rating Load Factor(LF) [1]		Inventory rating 4.5 metric ton = 5.0 tons	
		Method to determine operating rating Load Factor(LF) [1]		Operating rating 7.3 metric ton = 8.0 tons	
Bridge posting				Design Load	

Functional Details

Average Daily Traffic	6846	Average daily truck traffi	1	%	Year	2013	Future average daily traffic	8215	Year	2033
Road classification	Collector (Urban) [17]	Lanes on structure	2	Approach roadway width	8.5 m = 27.9 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	2.1 m = 6.9 ft		Navigation horizontal clearance	9.4 m = 30.8 ft						
Minimum navigation vertical clearance, vertical lift bridge		Minimum vertical clearance over bridge roadway	4.27 m = 14.0 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	13878000	Roadway improvement cost	1387000						
	Length of structure improvement	85 m = 278.9 ft		Total project cost	20120000					
	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	Posted for load [P]	Appraisal ratings - structural	Basically intolerable requiring high priority of replacement [2]
Condition ratings - superstructure	Serious [3]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Serious [3]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Serious [3]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
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]		
Appraisal ratings - water adequacy	Equal to present desirable criteria [8]	Status evaluation	Structurally deficient [1]
Pier or abutment protection	In place but in a deteriorated condition [3]	Sufficiency rating	2
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	June 2013 [0613]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y48]	Underwater inspection date	September 2011 [0911]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	June 2013 [0613]
Other special inspection	Every year [Y12]	Other special inspection date	June 2013 [0613]