

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]	East Amwell [18820]	6 MILES EAST OF NJ 31	40-28-12.40 = 40.470111	074-46-43.20 = -74.778667
1e+230	Highway agency district 2	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 0	RAINBOW HILL ROAD	Toll On free road [3]	Features intersected	NESHANIC RIVER	
Design - main Steel [3]	Design - approach Other [00]	Kilometerpoint 0 km = 0.0 mi	Year built #Num!	Year reconstructed 1995	
2	Truss - Thru [10]	0	Skew angle 0	Structure Flared	
		Historical significance	Bridge is not eligible for the NRHP. [5]		
Total length 46.6 m = 152.9 ft	Length of maximum span 22.9 m = 75.1 ft	Deck width, out-to-out 4.3 m = 14.1 ft	Bridge roadway width, curb-to-curb 4.1 m = 13.5 ft		
Inventory Route, Total Horizontal Clearance 4.1 m = 13.5 ft	Curb or sidewalk width - left 0 m = 0.0 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	Preformed Fabric [2]				

Weight Limits

Bypass, detour length 0.6 km = 0.4 mi	Method to determine inventory rating Allowable Stress(AS) [2]	Inventory rating 21.8 metric ton = 24.0 tons
	Method to determine operating rating Allowable Stress(AS) [2]	Operating rating 32.7 metric ton = 36.0 tons
Bridge posting Equal to or above legal loads [5]	Design Load	

Functional Details

Average Daily Traffic	177	Average daily truck traffi	3	%	Year	2013	Future average daily traffic	212	Year	2033
Road classification	Local (Rural) [09]		Lanes on structure	1		Approach roadway width	4.3 m = 14.1 ft			
Type of service on bridge	Highway [1]		Direction of traffic	One lane bridge for 2 - way traffic [3]		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]								
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	1716000	Roadway improvement cost	120000						
	Length of structure improvement	46.6 m = 152.9 ft		Total project cost	2100000					
	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	Posted for load [P]	Appraisal ratings - structural	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]		
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	Better than present minimum criteria [7]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	46.7
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	April 2013 [0413]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	April 2013 [0413]
Other special inspection	Not needed [N]	Other special inspection date	