

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]	Passaic County [031]	Paterson [57000]	0.15 MI. N OF BROADWAY	40-55-23.17 = 40.923103	074-10-11.33 = -74.169814
1600015	Highway agency district: 1	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 0	ARCH STREET	Toll On free road [3]	Features intersected	PASSAIC RIVER	
Design - main Steel [3]	Design - approach Other [00]	Kilometerpoint 0 km = 0.0 mi	Year built 1905	Year reconstructed 1997	
1	Truss - Thru [10]	Skew angle 3	Structure Flared	Historical significance Bridge is eligible for the NRHP. [2]	
Total length 56.1 m = 184.1 ft	Length of maximum span 54.3 m = 178.2 ft	Deck width, out-to-out 9.4 m = 30.8 ft	Bridge roadway width, curb-to-curb 8.4 m = 27.6 ft		
Inventory Route, Total Horizontal Clearance 8.4 m = 27.6 ft	Curb or sidewalk width - left 2.2 m = 7.2 ft	Curb or sidewalk width - right 2.2 m = 7.2 ft			
Deck structure type	Closed Grating [4]				
Type of wearing surface	Other [9]				
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	44.5 metric ton = 49.0 tons
	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	74.4 metric ton = 81.8 tons
Bridge posting	Equal to or above legal loads [5]	Design Load		

Functional Details

Average Daily Traffic	23195	Average daily truck traffi	4	%	Year	2013	Future average daily traffic	28305	Year	2033
Road classification	Minor Arterial (Urban) [16]		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 vertical clearanc	0 = N/A		Navigation horizontal clearance	0 = N/A						
Minimum navigation vertical clearance, vertical lift bridge						Minimum vertical clearance over bridge roadway	4.18 m = 13.7 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]								
Widening of existing bridge or other major structure without deck rehabilitation or replacement [33]	Bridge improvement cost	121000	Roadway improvement cost	121000						
	Length of structure improvement	56.1 m = 184.1 ft		Total project cost	267000					
	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	Better than present minimum criteria [7]
Condition ratings - superstructure	Good [7]	Appraisal ratings - roadway alignment	Better than present minimum criteria [7]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
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 minimum criteria [6]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	71.1
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - transitions	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends	Inspected feature meets currently acceptable standards. [1]		
Inspection date	August 2013 [0813]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	August 2013 [0813]
Other special inspection	Not needed [N]	Other special inspection date	