

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]		Essex County [013]		Newark [51000]		2 MI E NJTPK & HUD.CO.EXT		40-41-48.00 = 40.696667		074-07-24.00 = -74.123333	
N002010		Highway agency district: 1		Owner State Toll Authority [31]		Maintenance responsibility		Private (other than railroad) [26]			
Route 78		NJ TPK HUD.CO.EXT.		Toll On toll road [2]		Features intersected NEWARK BAY & RTE NJ 440					
Design - main Steel continuous [4]		Design - approach Steel [3]		Kilometerpoint 9784.8 km = 6066.6 mi		Year built 1955		Year reconstructed N/A [0000]			
3 Truss - Thru [10]		30 Girder and floorbeam system [03]		Skew angle 0		Structure Flared		Historical significance Bridge is not eligible for the NRHP. [5]			
Total length 1880.6 m = 6170.2 ft		Length of maximum span 204.5 m = 671.0 ft		Deck width, out-to-out 25.8 m = 84.6 ft		Bridge roadway width, curb-to-curb 23.5 m = 77.1 ft					
Inventory Route, Total Horizontal Clearance 11.3 m = 37.1 ft		Curb or sidewalk width - left 0.6 m = 2.0 ft		Curb or sidewalk width - right 0.6 m = 2.0 ft							
Deck structure type		Concrete Cast-in-Place [1]									
Type of wearing surface		Bituminous [6]									
Deck protection		Epoxy Coated Reinforcing [1]									
Type of membrane/wearing surface		Other [9]									

Weight Limits

Bypass, detour length 1.4 km = 0.9 mi		Method to determine inventory rating Load and Resistance Factor(LRFR) [3]		Inventory rating 61 metric ton = 67.1 tons	
		Method to determine operating rating Load and Resistance Factor(LRFR) [3]		Operating rating 79 metric ton = 86.9 tons	
Bridge posting		Equal to or above legal loads [5]		Design Load MS 18 / HS 20 [5]	

Functional Details

Average Daily Traffic Average daily truck traffi % Year Future average daily traffic Year

Road classification Lanes on structure Approach roadway width

Type of service on bridge Direction of traffic Bridge median

Parallel structure designation

Type of service under bridge Lanes under structure Navigation control

Navigation vertical clearanc Navigation horizontal clearance

Minimum navigation vertical clearance, vertical lift bridge Minimum vertical clearance over bridge roadway

Minimum lateral underclearance reference feature

Minimum lateral underclearance on right Minimum lateral underclearance on left

Minimum Vertical Underclearance Minimum vertical underclearance reference feature

Appraisal ratings - underclearances

Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost Roadway improvement cost

Length of structure improvement Total project cost

Year of improvement cost estimate

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	Equal to present minimum criteria [6]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Superior to present desirable criteria [9]
Condition ratings - deck	Fair [5]		
Scour	Countermeasures have been installed to mitigate an existing problem with scour. [7]		
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	
Pier or abutment protection	In place and functioning [2]	Sufficiency rating	79
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	Not applicable or a safety feature is not required. [N]		
Traffic safety features - approach guardrail	Not applicable or a safety feature is not required. [N]		
Traffic safety features - approach guardrail ends	Not applicable or a safety feature is not required. [N]		
Inspection date	July 2013 [0713]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y48]	Underwater inspection date	July 2013 [0713]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	July 2013 [0713]
Other special inspection	Not needed [N]	Other special inspection date	