

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 York [36] Bronx County [005] New York [51000] JCT I 87 + I 95 40-50-44 = 40.845556 073-55-42 = - 73.928333

1066889 Highway agency district #Num! Owner State Highway Agency [01] Maintenance responsibility State Highway Agency [01]

Route 95 RTE I95 Toll On free road [3] Features intersected RTE I87, HARLEM RIVER, M

Design - main Steel [3] Design - approach Mixed types [20] Kilometerpoint 547.9 km = 339.7 mi

1 Arch - Deck [11] 9 Year built 1962 Year reconstructed 1975

Skew angle 99 Structure Flared Yes, flared [1]

Historical significance Bridge is not eligible for the NRHP. [5]

Total length 466.3 m = 1529.9 ft Length of maximum span 153.9 m = 504.9 ft Deck width, out-to-out 27.9 m = 91.5 ft Bridge roadway width, curb-to-curb 23.1 m = 75.8 ft

Inventory Route, Total Horizontal Clearance 11.5 m = 37.7 ft Curb or sidewalk width - left 0.7 m = 2.3 ft Curb or sidewalk width - right 0.7 m = 2.3 ft

Deck structure type Concrete Cast-in-Place [1]

Type of wearing surface Bituminous [6]

Deck protection

Type of membrane/wearing surface

Weight Limits

Bypass, detour length 0.1 km = 0.1 mi Method to determine inventory rating Load Factor(LF) [1] Inventory rating 32.7 metric ton = 36.0 tons

Method to determine operating rating Load Factor(LF) [1] Operating rating 48.1 metric ton = 52.9 tons

Bridge posting Equal to or above legal loads [5] Design Load MS 18 / HS 20 [5]

Functional Details

Average Daily Traffic	101296	Average daily truck traffi	13	%	Year	2009	Future average daily traffic	141814	Year	2029
Road classification	Principal Arterial - Interstate (Urban) [11]		Lanes on structure	6		Approach roadway width	23.1 m = 75.8 ft			
Type of service on bridge	Highway [1]		Direction of traffic	2 - way traffic [2]		Bridge median	Closed median (no barriers) [2]			
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Highway-waterway-railroad [Lanes under structure	21		Navigation control	Navigation control on waterway (bridge permit required). [1]			
Navigation vertical clearanc	31.3 m = 102.7 ft			Navigation horizontal clearance	121.9 m = 400.0 ft					
Minimum navigation vertical clearance, vertical lift bridge				Minimum vertical clearance over bridge roadway	4.87 m = 16.0 ft					
Minimum lateral underclearance reference feature	Highway beneath structure [H]									
Minimum lateral underclearance on right	1.5 m = 4.9 ft				Minimum lateral underclearance on left	1.3 m = 4.3 ft				
Minimum Vertical Underclearance	22.99 m = 75.4 ft			Minimum vertical underclearance reference feature	Highway beneath structure [H]					
Appraisal ratings - underclearances	Basically intolerable requiring high priority of replacement [2]									

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	36082000	Roadway improvement cost	23972000		
	Length of structure improvement	466.3 m = 1529.9 ft		Total project cost	60054000	
	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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Poor [4]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Fair [5]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]	Status evaluation	Structurally deficient [1]
Pier or abutment protection	In place and functioning [2]	Sufficiency rating	53.9
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
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			
Inspection date	December 2009 [1209]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	December 2009 [1209]
Other special inspection	Not needed [N]	Other special inspection date	