

HistoricBridges.org - National Bridge Inventory Data Sheet

2019 Inventory

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.

Form Interface Design: www.historicbridges.org. Data Conversion Assistance By www.bridgehunter.com. None of the involved parties make any guarantee of accuracy.

Basic Information

New York [36]	Rockland County [087]	Stony Point [71674]	EXIT 15 OF PIP	41-14-06.13 = 41.235036	074-02-01.27 = -74.033686
1040880	Highway agency district: 85	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 0	COUNTY ROAD 106	Toll On free road [3]	Features intersected 987C 987C85011176		
Design - main	Concrete continuous [2]	Design - approach	Kilometerpoint 777.1 km = 481.8 mi		
2	Frame [07]	0 Other [00]	Year built 1951	Year reconstructed N/A [0000]	
			Skew angle 38	Structure Flared	
			Historical significance	Historical significance is not determinable at this time. [4]	
Total length 42.4 m = 139.1 ft	Length of maximum span 19.2 m = 63.0 ft	Deck width, out-to-out 14.3 m = 46.9 ft	Bridge roadway width, curb-to-curb 10.4 m = 34.1 ft		
Inventory Route, Total Horizontal Clearance 10.3 m = 33.8 ft	Curb or sidewalk width - left 1.5 m = 4.9 ft	Curb or sidewalk width - right 1.5 m = 4.9 ft			
Deck structure type	Not applicable [N]				
Type of wearing surface	Bituminous [6]				
Deck protection	Not applicable (applies only to structures with no deck) [N]				
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 1.1 km = 0.7 mi	Method to determine inventory rating	Inventory rating 29.4 metric ton = 32.3 tons
	Method to determine operating rating	Operating rating 84.9 metric ton = 93.4 tons
Bridge posting	Equal to or above legal loads [5]	Design Load MS 18 / HS 20 [5]

Functional Details

Average Daily Traffic	9204	Average daily truck traffi	4	%	Year	2009	Future average daily traffic	9296	Year	2038
Road classification	Collector (Urban) [17]		Lanes on structure	2		Approach roadway width	10.4 m = 34.1 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	Highway, with or without ped		Lanes under structure	4		Navigation control	Not applicable, no waterway. [N]			
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	Highway beneath structure [H]									
Minimum lateral underclearance on right	2.4 m = 7.9 ft					Minimum lateral underclearance on left	5 m = 16.4 ft			
Minimum Vertical Underclearance	3.86 m = 12.7 ft		Minimum vertical underclearance reference feature	Highway beneath structure [H]						
Appraisal ratings - underclearances	Basically intolerable requiring high priority of corrective action [3]									

Repair and Replacement Plans

Type of work to be performed	Work done by	Work to be done by contract [1]		
Widening of existing bridge with deck rehabilitation or replacement. [34]	Bridge improvement cost	3118000	Roadway improvement cost	1826000
	Length of structure improvement	41.7 m = 136.8 ft	Total project cost	4945000
	Year of improvement cost estimate	2018		
	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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Not Applicable [N]		
Scour	Bridge not over waterway. [N]		
Channel and channel protection	Not applicable. [N]		
Appraisal ratings - water adequacy	N/A [N]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	73
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			
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	October 2018 [1018]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	