HistoricBridges.org - National Bridge Inventory Data Sheet

2019 Inventory

The National Bridge Inventory contains data submitted by state transportion 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]	Clarkstown [15968]	0.2 MI N JCT PIP+RTE 304	41-06-32.56 = 41.109044	073-59-57.11 = -73.999197

1068700 | Highway agency district: 85 | Owner: State Park, Forest, or Reservation Agen | Maintenance responsibility: State Highway Agency [01]

Route: 0 | LUDVIGH ROAD | Toll: On free road [3] | Features intersected: RTE 987C

Design - main	Concrete continuous [2]	Design - approach		Kilometerpoint	115.8 km = 71.8 mi
2	Arch - Deck [11]	0	Other [00]	Year built	1953
				Year reconstructed	N/A [0000]
				Skew angle	61
				Structure Flared	
				Historical significance	Historical significance is not determinable at this time. [4]

Total length	42.7 m = 140.1 ft	Length of maximum span	21.2 m = 69.6 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	Other [9]

Weight Limits

Bypass, detour length	0.4 km = 0.2 mi	Method to determine inventory rating		Inventory rating	29.4 metric ton = 32.3 tons
		Method to determine operating rating		Operating rating	86.2 metric ton = 94.8 tons
		Bridge posting	Equal to or above legal loads [5]	Design Load	MS 18 / HS 20 [5]

Functional Details

Average Daily Traffic	7744	Average daily truck traffi	2 %	Year	2018	Future average daily traffic	7821
Year	2038						

Road classification	Minor Arterial (Urban) [16]	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	3.3 m = 10.8 ft	Minimum lateral underclearance on left	4.5 m = 14.8 ft		
Minimum Vertical Underclearance	4.55 m = 14.9 ft	Minimum vertical underclearance reference feature	Highway beneath structure [H]		
Appraisal ratings - underclearances	Somewhat better than minimum adequacy to tolerate being left in place as is [5]				

Repair and Replacement Plans

Type of work to be performed

Widening of existing bridge with deck rehabilitation or replacement. [34]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	4237000	Roadway improvement cost	2481000
Length of structure improvement	42.3 m = 138.8 ft	Total project cost	6718000
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	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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge not over waterway. [N]		
Channel and channel protection	Not applicable. [N]		
Appraisal ratings - water adequacy	N/A [N]	Status evaluation	
Pier or abutment protection		Sufficiency rating	91.8
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	Inpected feature meets currently acceptable standards. [1]		
Inspection date	May 2018 [0518]	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	