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]	JCT PIP+RTE 59	41-05-26.63 = 41.090731	073-59-26.10 = -73.990583

1068969	Highway agency district: 85	Owner: State Highway Agency [01]	Maintenance responsibility: State Highway Agency [01]		
Route: 59		RTE 59	Toll: On free road [3]	Features intersected: RTE 987C	

Design - main: Concrete [1]		Design - approach:		Kilometerpoint: 1689.5 km = 1047.5 mi	
1	Frame [07]	0	Other [00]	Year built: 1955	Year reconstructed: N/A [0000]
				Skew angle: 10	Structure Flared:
				Historical significance: Historical significance is not determinable at this time. [4]	

Total length: 18 m = 59.1 ft	Length of maximum span: 16.1 m = 52.8 ft	Deck width, out-to-out: 26.2 m = 86.0 ft	Bridge roadway width, curb-to-curb: 24.2 m = 79.4 ft		
Inventory Route, Total Horizontal Clearance: 13.5 m = 44.3 ft	Curb or sidewalk width - left: 0 m = 0.0 ft	Curb or sidewalk width - right: 0 m = 0.0 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: 0 km = 0.0 mi	Method to determine inventory rating:		Inventory rating: 32.7 metric ton = 36.0 tons		
	Method to determine operating rating:		Operating rating: 84.1 metric ton = 92.5 tons		
	Bridge posting: Equal to or above legal loads [5]		Design Load: MS 18 / HS 20 [5]		

Functional Details

Average Daily Traffic	52142	Average daily truck traffi	5 %	Year	2015	Future average daily traffic	52663
Year	2038						
Road classification	Other Principal Arterial (Urban) [14]	Lanes on structure	5	Approach roadway width	23.8 m = 78.1 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, with or without ped	Lanes under structure	2	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	2.2 m = 7.2 ft	Minimum lateral underclearance on left	6 m = 19.7 ft				
Minimum Vertical Underclearance	4.39 m = 14.4 ft	Minimum vertical underclearance reference feature	Highway beneath structure [H]				
Appraisal ratings - underclearances	Basically intolerable requiring high priority of corrrective action [3]						

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	2517000	Roadway improvement cost	1474000
Length of structure improvement	17.9 m = 58.7 ft	Total project cost	3992000
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	Equal to present desirable criteria [8]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Superior to present desirable criteria [9]
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	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	85
Culverts	Not applicable. Used if structure is not a culvert. [N]		

Traffic safety features - railings	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - transitions	
Traffic safety features - approach guardrail	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - approach guardrail ends	Inpected 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	