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]	Onondaga County [067]	Geddes [28519]	.1 MI N JCT I90+ONON LAKE	43-07-02.19 = 43.117275	076-14-39.85 = -76.244403

4433080	Highway agency district: 33	Owner: State Highway Agency [01]	Maintenance responsibility: State Highway Agency [01]		

Route: 0		LONG BRANCH ROAD	Toll: On free road [3]	Features intersected: ONON LAKE OUTLET, ONON P	

Design - main: Steel [3]		Design - approach: Steel [3]		Kilometerpoint: 140 km = 86.8 mi	
1	Truss - Thru [10]	2	Girder and floorbeam system [03]	Year built: 1915	Year reconstructed: 1999
				Skew angle: 0	Structure Flared:
				Historical significance: Historical significance is not determinable at this time. [4]	

Total length: 75.3 m = 247.1 ft	Length of maximum span: 36.5 m = 119.8 ft	Deck width, out-to-out: 8.5 m = 27.9 ft	Bridge roadway width, curb-to-curb: 4.6 m = 15.1 ft
Inventory Route, Total Horizontal Clearance: 4.6 m = 15.1 ft	Curb or sidewalk width - left: 1.3 m = 4.3 ft	Curb or sidewalk width - right: 1.3 m = 4.3 ft	

Deck structure type	Wood or Timber [8]
Type of wearing surface	Bituminous [6]
Deck protection	
Type of membrane/wearing surface	Other [9]

Weight Limits

Bypass, detour length: 0.3 km = 0.2 mi	Method to determine inventory rating: Load Factor(LF) [1]		Inventory rating: 6.4 metric ton = 7.0 tons		
	Method to determine operating rating: Load Factor(LF) [1]		Operating rating: 10.9 metric ton = 12.0 tons		
	Bridge posting:		Design Load: Other [C]		

Functional Details

Average Daily Traffic	2269	Average daily truck traffi	1 %	Year	2015	Future average daily traffic	2291
Year	2038						

Road classification	Collector (Urban) [17]	Lanes on structure	1	Approach roadway width	4.6 m = 15.1 ft
Type of service on bridge	Highway-pedestrian [5]	Direction of traffic	One lane bridge for 2 - way traffic [3]	Bridge median	
Parallel structure designation	No parallel structure exists. [N]				
Type of service under bridge	Waterway [5]	Lanes under structure	0	Navigation control	Navigation control on waterway (bridge permit required). [1]
Navigation vertical clearanc	999.9 m = 3280.7 ft	Navigation horizontal clearance	35 m = 114.8 ft		
Minimum navigation vertical clearance, vertical lift bridge		Minimum vertical clearance over bridge roadway	4.59 m = 15.1 ft		
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]				
Minimum lateral underclearance on right	0 = N/A	Minimum lateral underclearance on left	0 = N/A		
Minimum Vertical Underclearance	0 = N/A	Minimum vertical underclearance reference feature	Feature not a highway or railroad [N]		
Appraisal ratings - underclearances	N/A [N]				

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	5003000	Roadway improvement cost	2930000
Length of structure improvement	75.2 m = 246.7 ft	Total project cost	7933000
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	Posted for load [P]	Appraisal ratings - structural	Basically intolerable requiring high priority of corrrective action [3]
Condition ratings - superstructure	Poor [4]	Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Fair [5]		

Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]
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	Superior to present desirable criteria [9]	Status evaluation	Structurally deficient [1]
Pier or abutment protection	In place and functioning [2]	Sufficiency rating	19.3

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	September 2018 [0918]	Designated inspection frequency	12	Months

Underwater inspection	Unknown [Y60]	Underwater inspection date	August 2015 [0815]
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	September 2018 [0918]
Other special inspection	Not needed [N]	Other special inspection date	