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]	Orleans County [073]	Albion [01044]	4.2MI W JCT BARGE C+RTE98	43-14-54.86 = 43.248572	078-16-36.15 = -78.276708

4445170	Highway agency district: 45	Owner: State Highway Agency [01]	Maintenance responsibility: State Highway Agency [01]		
Route: 0		PRESBYTERIAN ROAD	Toll: On free road [3]	Features intersected: Erie Canal Bike Path, ER	

Design - main: Steel [3]	Design - approach: Concrete [1]	Kilometerpoint: 212.4 km = 131.7 mi			
1	Truss - Thru [10]	2	Slab [01]	Year built: 1909	Year reconstructed: 2007
				Skew angle: 0	Structure Flared:
				Historical significance: Historical significance is not determinable at this time. [4]	

Total length: 58.2 m = 191.0 ft	Length of maximum span: 45.7 m = 149.9 ft	Deck width, out-to-out: 5.2 m = 17.1 ft	Bridge roadway width, curb-to-curb: 4.5 m = 14.8 ft		
Inventory Route, Total Horizontal Clearance: 4.5 m = 14.8 ft	Curb or sidewalk width - left: 0 m = 0.0 ft	Curb or sidewalk width - right: 0 m = 0.0 ft			

Deck structure type	Concrete Cast-in-Place [1]
Type of wearing surface	Integral Concrete (separate non-modified layer of concrete added to structural deck) [2]
Deck protection	Epoxy Coated Reinforcing [1]
Type of membrane/wearing surface	

Weight Limits

Bypass, detour length	Method to determine inventory rating: Load Factor(LF) [1]		Inventory rating: 13.6 metric ton = 15.0 tons		
0.1 km = 0.1 mi	Method to determine operating rating: Load Factor(LF) [1]		Operating rating: 22.7 metric ton = 25.0 tons		
	Bridge posting:		Design Load: Other [C]		

Functional Details

Average Daily Traffic	81	Average daily truck traffi	1 %	Year	2017	Future average daily traffic	81	Year	2038

Road classification	Local (Rural) [09]	Lanes on structure	1	Approach roadway width	5.5 m = 18.0 ft
Type of service on bridge	Highway [1]	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	4.6 m = 15.1 ft	Navigation horizontal clearance	22.8 m = 74.8 ft		
Minimum navigation vertical clearance, vertical lift bridge		Minimum vertical clearance over bridge roadway	4.19 m = 13.7 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	2322000	Roadway improvement cost	1360000
Length of structure improvement	58.2 m = 191.0 ft	Total project cost	3681000
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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrrective action [3]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]		
Appraisal ratings - water adequacy	Somewhat better than minimum adequacy to tolerate being left in place as is [5]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection	Navigation protection not required [1]	Sufficiency rating	37.5
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
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	August 2018 [0818]	Designated inspection frequency	12 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	August 2018 [0818]
Other special inspection	Not needed [N]	Other special inspection date	