

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]	Cayuga County [011]	Auburn [03078]	1.1MI SE STATE PRISON IN	42-55-35.61 = 42.926558	076-33-15.35 = -76.554264
2207050	Highway agency district: 31	Owner City or Municipal Highway Agency [04]	Maintenance responsibility City or Municipal Highway Agency [04]		
Route 0	LAKE AVENUE	Toll On free road [3]	Features intersected OWASCO OUTLET		
Design - main 3	Steel continuous [4] Girder and floorbeam system [03]	Design - approach 0	Other [00]	Kilometerpoint 165.7 km = 102.7 mi	Year built 1954
				Year reconstructed 1984	Skew angle 0
				Structure Flared	Historical significance Bridge is not eligible for the NRHP. [5]
Total length 81.7 m = 268.1 ft	Length of maximum span 36.5 m = 119.8 ft	Deck width, out-to-out 20 m = 65.6 ft	Bridge roadway width, curb-to-curb 14.6 m = 47.9 ft		
Inventory Route, Total Horizontal Clearance 14.6 m = 47.9 ft	Curb or sidewalk width - left 2.4 m = 7.9 ft	Curb or sidewalk width - right 2.4 m = 7.9 ft			
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Bituminous [6]				
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 0.1 km = 0.1 mi	Method to determine inventory rating	Inventory rating 29.3 metric ton = 32.2 tons
	Method to determine operating rating	Operating rating 75.8 metric ton = 83.4 tons
Bridge posting Equal to or above legal loads [5]	Design Load	

Functional Details

Average Daily Traffic	10363	Average daily truck traffi	4	%	Year	2011	Future average daily traffic	10466	Year	2038
Road classification	Minor Arterial (Urban) [16]	Lanes on structure	4		Approach roadway width	14.6 m = 47.9 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	Waterway [5]	Lanes under structure	0		Navigation control					
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	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	Work done by	Work to be done by contract [1]								
Widening of existing bridge with deck rehabilitation or replacement. [34]	Bridge improvement cost	3615000	Roadway improvement cost	2117000						
	Length of structure improvement	81.6 m = 267.7 ft		Total project cost	5732000					
	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	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge foundations determined to be stable for assessed or calculated scour conditions; field review indicates action is required. [4]		
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		Sufficiency rating	75.6
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions	Not applicable or a safety feature is not required. [N]		
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends			
Inspection date	September 2017 [0917]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	September 2017 [0917]
Other special inspection	Not needed [N]	Other special inspection date	