

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]	Wayne County [117]	Macedon [44160]	ACCESS TO LOCK 29	43-03-52.81 = 43.064669	077-14-55.56 = -77.248767
4437250	Highway agency district: 47	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 0	LOCK 29 ACCESS RD	Toll On free road [3]	Features intersected	GANARGUA CREEK	
Design - main Steel [3]	Design - approach Steel [3]	Kilometerpoint 16.1 km = 10.0 mi	Year built 1914	Year reconstructed 1952	
1 Girder and floorbeam system [03]	2 Stringer/Multi-beam or girder [02]	Skew angle 0	Structure Flared		
		Historical significance Historical significance is not determinable at this time. [4]			
Total length 33.2 m = 108.9 ft	Length of maximum span 23.4 m = 76.8 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	Open Grating [3]				
Type of wearing surface	Other [9]				
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 0.1 km = 0.1 mi	Method to determine inventory rating Load Factor(LF) [1]	Inventory rating 24.5 metric ton = 27.0 tons
	Method to determine operating rating Load Factor(LF) [1]	Operating rating 41.7 metric ton = 45.9 tons
Bridge posting Equal to or above legal loads [5]	Design Load M 18 / H 20 [4]	

Functional Details

Average Daily Traffic	0	Average daily truck traffi	0	%	Year	2018	Future average daily traffic	0	Year	
Road classification	Local (Urban) [19]		Lanes on structure	1		Approach roadway width	3.7 m = 12.1 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 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]								
Bridge deck replacement with only incidental widening. [37]	Bridge improvement cost	404000	Roadway improvement cost	237000						
	Length of structure improvement	32.6 m = 107.0 ft		Total project cost	641000					
	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 other load-capacity restriction [R]	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 minimum criteria [6]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Equal to present minimum criteria [6]
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	
Pier or abutment protection		Sufficiency rating	66.3
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 2018 [0918]	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 2018 [0918]
Other special inspection	Not needed [N]	Other special inspection date	