

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] Monroe County [055] Clarkson [15957] JCT BARGE C+RTE31 BKPT 43-13-15 = 43.220833 077-59-44 = - 77.995556

4443250 Highway agency district 43 Owner State Highway Agency [01] Maintenance responsibility State Highway Agency [01]

Route 31 RTE 31 Toll On free road [3] Features intersected ERIE CANAL

Design - main Steel [3] Design - approach Stringer/Multi-beam or girder [02] Other [00] Kilometerpoint 20.8 km = 12.9 mi Year built 1959 Year reconstructed N/A [0000] Skew angle 37 Structure Flared Historical significance Historical significance is not determinable at this time. [4]

Total length 99.6 m = 326.8 ft Length of maximum span 33.5 m = 109.9 ft Deck width, out-to-out 10.6 m = 34.8 ft Bridge roadway width, curb-to-curb 9.1 m = 29.9 ft

Inventory Route, Total Horizontal Clearance 9.1 m = 29.9 ft Curb or sidewalk width - left 0.4 m = 1.3 ft Curb or sidewalk width - right 0.4 m = 1.3 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 0.8 km = 0.5 mi Method to determine inventory rating No rating analysis performed [5] Inventory rating 29.3 metric ton = 32.2 tons

Method to determine operating rating No rating analysis performed [5] Operating rating 76.8 metric ton = 84.5 tons

Bridge posting Equal to or above legal loads [5] Design Load MS 18+Mod / HS 20+Mod [6]

### Functional Details

Average Daily Traffic	5632	Average daily truck traffi	15	%	Year	2005	Future average daily traffic	7568	Year	2025
Road classification	Principal Arterial - Other (Rural) [02]		Lanes on structure	2		Approach roadway width	13.1 m = 43.0 ft			
Type of service on bridge	Highway [1]		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 control on waterway (bridge permit required). [1]			
Navigation vertical clearanc	4.5 m = 14.8 ft			Navigation horizontal clearance	22.8 m = 74.8 ft					
Minimum navigation vertical clearance, vertical lift bridge	0 m = 0.0 ft				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	99.9 = Unlimited				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	1641000	Roadway improvement cost	910000
	Length of structure improvement	99.6 m = 326.8 ft	Total project cost	2551000
	Year of improvement cost estimate	2006		
	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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Poor [4]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Fair [5]		
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	Equal to present minimum criteria [6]	Status evaluation	Structurally deficient [1]
Pier or abutment protection	None present but re-evaluation suggested [5]	Sufficiency rating	48.5
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions			
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends	Inspected feature meets currently acceptable standards. [1]		
Inspection date	September 2006 [0906]	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 2006 [0906]
Other special inspection	Not needed [N]	Other special inspection date	