

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] Orleans County [073] Albion [01044] 2.3MI E JCT BARGE C+RTE98 43-14-57 = 43.249167 078-08-57 = - 78.149167

4445090 Highway agency district 45 Owner State Highway Agency [01] Maintenance responsibility State Highway Agency [01]

Route 0 KEITEL ROAD Toll On free road [3] Features intersected ERIE CANAL

Design - main Steel [3] Design - approach Concrete [1] Kilometerpoint 0 km = 0.0 mi

1 Truss - Thru [10] 2 Slab [01] Year built 1912 Year reconstructed 2009

Skew angle 0 Structure Flared Yes, flared [1]

Historical significance Historical significance is not determinable at this time. [4]

Total length 58.8 m = 192.9 ft Length of maximum span 46 m = 150.9 ft Deck width, out-to-out 5 m = 16.4 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 Not applicable [N]

Type of wearing surface Integral Concrete (separate non-modified layer of concrete added to structural deck) [2]

Deck protection Not applicable (applies only to structures with no deck) [N]

Type of membrane/wearing surface

**Weight Limits**

Bypass, detour length 0.3 km = 0.2 mi Method to determine inventory rating Allowable Stress(AS) [2] Inventory rating 10 metric ton = 11.0 tons

Method to determine operating rating Allowable Stress(AS) [2] Operating rating 19.1 metric ton = 21.0 tons

Bridge posting 10.0 - 19.9 % below [3] Design Load

### Functional Details

Average Daily Traffic	193	Average daily truck traffi	3	%	Year	2009	Future average daily traffic	267	Year	2029
Road classification	Local (Rural) [09]		Lanes on structure	1		Approach roadway width	6.7 m = 22.0 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	4.8 m = 15.7 ft		Navigation horizontal clearance	28.6 m = 93.8 ft						
Minimum navigation vertical clearance, vertical lift bridge			Minimum vertical clearance over bridge roadway	4.24 m = 13.9 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	684000	Roadway improvement cost	408000						
	Length of structure improvement	58.8 m = 192.9 ft		Total project cost	1092000					
	Year of improvement cost estimate	2009								
	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 corrective action [3]

Condition ratings - superstructure

Very Good [8]

Appraisal ratings -  
roadway alignment

Meets minimum tolerable limits to be left in place as is [4]

Condition ratings - substructure

Excellent [9]

Appraisal ratings -  
deck geometry

Basically intolerable requiring high priority of replacement [2]

Condition ratings - deck

Excellent [9]

Scour

Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]

Channel and channel protection

There are no noticeable or noteworthy deficiencies which affect the condition of the channel. [9]

Appraisal ratings - water adequacy

Equal to present desirable criteria [8]

Status evaluation

Pier or abutment protection

Navigation protection not required [1]

Sufficiency rating

38.4

Culverts

Not applicable. Used if structure is not a culvert. [N]

Traffic safety features - railings

Inspected feature meets currently acceptable standards. [1]

Traffic safety features - transitions

Inspected feature meets currently acceptable standards. [1]

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

October 2009 [1009]

Designated inspection frequency

12

Months

Underwater inspection

Not needed [N]

Underwater inspection date

Fracture critical inspection

Every year [Y12]

Fracture critical inspection date

October 2009 [1009]

Other special inspection

Not needed [N]

Other special inspection date