

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.  
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<b>Basic Information</b>	
New York [36]	Niagara County [063]
Middleport [46998]	0.5 MI N JCT RTS 271 + 31
43-12-46 = 43.212778	078-28-35 = - 78.476389
4454020	Highway agency district: 54
Owner State Highway Agency [01]	Maintenance responsibility State Highway Agency [01]
Route 271	RTE 271
Toll On free road [3]	Features intersected ERIE CANAL
Design - main Steel [3]	Design - approach Steel [3]
Kilometerpoint 123.4 km = 76.5 mi	Year built 1915
Year reconstructed 1996	1 Movable - Lift [15]
2 Stringer/Multi-beam or girder [02]	Skew angle 24
Structure Flared Yes, flared [1]	Historical significance Historical significance is not determinable at this time. [4]
Total length 43.3 m = 142.1 ft	Length of maximum span 34.7 m = 113.9 ft
Deck width, out-to-out 7.8 m = 25.6 ft	Bridge roadway width, curb-to-curb 7.2 m = 23.6 ft
Inventory Route, Total Horizontal Clearance 7.2 m = 23.6 ft	Curb or sidewalk width - left 1.8 m = 5.9 ft
Curb or sidewalk width - right 1.8 m = 5.9 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
Type of membrane/wearing surface	

<b>Weight Limits</b>	
Bypass, detour length 0.1 km = 0.1 mi	Method to determine inventory rating Allowable Stress(AS) [2]
Inventory rating 32.7 metric ton = 36.0 tons	Method to determine operating rating Allowable Stress(AS) [2]
Operating rating 47.2 metric ton = 51.9 tons	Bridge posting Equal to or above legal loads [5]
Design Load MS 18 / HS 20 [5]	

### Functional Details

Average Daily Traffic  Average daily truck traffi  % Year  Future average daily traffic  Year

Road classification  Lanes on structure  Approach roadway width

Type of service on bridge  Direction of traffic  Bridge median

Parallel structure designation

Type of service under bridge  Lanes under structure  Navigation control

Navigation vertical clearanc  Navigation horizontal clearance

Minimum navigation vertical clearance, vertical lift bridge  Minimum vertical clearance over bridge roadway

Minimum lateral underclearance reference feature

Minimum lateral underclearance on right  Minimum lateral underclearance on left

Minimum Vertical Underclearance  Minimum vertical underclearance reference feature

Appraisal ratings - underclearances

### Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost  Roadway improvement cost

Length of structure improvement  Total project cost

Year of improvement cost estimate

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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Fair [5]	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 corrective action [3]
Condition ratings - deck	Very Good [8]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8]		
Appraisal ratings - water adequacy	Equal to present minimum criteria [6]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection	None present but re-evaluation suggested [5]	Sufficiency rating	62.9
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	November 2008 [1108]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	November 2008 [1108]
Other special inspection	Not needed [N]	Other special inspection date	