

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.  
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**Basic Information**

New York [36]	Niagara County [063]	Lockport [43082]	IN LOCKPORT	43-10-36 = 43.176667	078-41-08 = -78.685556
4454150	Highway agency district 54	Owner State Highway Agency [01]	Maintenance responsibility State Highway Agency [01]		
Route 0	EXCHANGE STREET	Toll On free road [3]	Features intersected ERIE CANAL		
Design - main Steel [3]	Design - approach Steel [3]	Kilometerpoint 0 km = 0.0 mi	Year built 1915	Year reconstructed 2001	
1 Movable - Lift [15]	2 Girder and floorbeam system [03]	Skew angle 0	Structure Flared		
		Historical significance	Historical significance is not determinable at this time. [4]		
Total length 40.5 m = 132.9 ft	Length of maximum span 30.4 m = 99.7 ft	Deck width, out-to-out 7.4 m = 24.3 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 1.9 m = 6.2 ft	Curb or sidewalk width - right 1.9 m = 6.2 ft			
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Wood or Timber [7]				
Deck protection	Epoxy Coated Reinforcing [1]				
Type of membrane/wearing surface					

**Weight Limits**

Bypass, detour length 0.1 km = 0.1 mi	Method to determine inventory rating	No rating analysis performed [5]	Inventory rating	32.6 metric ton = 35.9 tons
	Method to determine operating rating	No rating analysis performed [5]	Operating rating	74.5 metric ton = 82.0 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	MS 18 / HS 20 [5]

### Functional Details

Average Daily Traffic	5000	Average daily truck traffi	4	%	Year	1972	Future average daily traffic	6230	Year	1992
Road classification	Local (Urban) [19]		Lanes on structure	2		Approach roadway width	7.3 m = 24.0 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 control on waterway (bridge permit required). [1]			
Navigation vertical clearanc	4.8 m = 15.7 ft			Navigation horizontal clearance	22.8 m = 74.8 ft					
Minimum navigation vertical clearance, vertical lift bridge	0.3 m = 1.0 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	750000	Roadway improvement cost	447000						
	Length of structure improvement	40.5 m = 132.9 ft		Total project cost	1197000					
	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	Open, no restriction [A]	Appraisal ratings - structural	Equal to present desirable criteria [8]
Condition ratings - superstructure	Very Good [8]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
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 minimum criteria [6]	Status evaluation	
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Pier or abutment protection	None present but re-evaluation suggested [5]	Sufficiency rating	73.7
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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 2009 [1109]

Designated inspection frequency

24

Months

Underwater inspection	Not needed [N]	Underwater inspection date	
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Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	November 2009 [1109]
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Other special inspection	Not needed [N]	Other special inspection date	
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