

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]	Orleans County [073]	Albion [01033]	JCT S.H.98 & BARGE CANAL	43-14-56 = 43.248889	078-11-37 = - 78.193611
4445260	Highway agency district: 45	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 98	RTE 98	Toll On free road [3]	Features intersected	ERIE CANAL	
Design - main Steel [3]	Design - approach Steel [3]	Kilometerpoint 1330.3 km = 824.8 mi	Year built 1914	Year reconstructed 1954	
1 Movable - Lift [15]	2 Stringer/Multi-beam or girder [02]	Skew angle 0	Structure Flared	Yes, flared [1]	
		Historical significance	Historical significance is not determinable at this time. [4]		
Total length 40.2 m = 131.9 ft	Length of maximum span 35.3 m = 115.8 ft	Deck width, out-to-out 6.2 m = 20.3 ft	Bridge roadway width, curb-to-curb 5.7 m = 18.7 ft		
Inventory Route, Total Horizontal Clearance 5.7 m = 18.7 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					

Weight Limits

Bypass, detour length 2.5 km = 1.6 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	23.6 metric ton = 26.0 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	38.1 metric ton = 41.9 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	MS 18 / HS 20 [5]	

Functional Details

Average Daily Traffic	4998	Average daily truck traffi	5	%	Year	2007	Future average daily traffic	6563	Year	2027
Road classification	Minor Arterial (Urban) [16]		Lanes on structure	2		Approach roadway width	5.7 m = 18.7 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	4.2 m = 13.8 ft			Navigation horizontal clearance	28.6 m = 93.8 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	92000	Roadway improvement cost	46000						
	Length of structure improvement	40.2 m = 131.9 ft			Total project cost	138000				
	Year of improvement cost estimate	2008								
	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	Equal to present minimum criteria [6]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Satisfactory [6]		
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	Navigation protection not required [1]	Sufficiency rating	55.7
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 2008 [0908]	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 2008 [0908]
Other special inspection	Not needed [N]	Other special inspection date	