

HistoricBridges.org - National Bridge Inventory Data Sheet

2009 Inventory

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 MI E JCT BG CNL & SH98	43-14-54 = 43.248333	078-11-25 = - 78.190278
4445120	Highway agency district: 45	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 0		INGERSOLL STREET	Toll On free road [3]	Features intersected ERIE CANAL	
Design - main	Steel [3]	Design - approach	Steel [3]	Kilometerpoint	0 km = 0.0 mi
1	Movable - Lift [15]	2	Stringer/Multi-beam or girder [02]	Year built	1911
				Year reconstructed	2007
				Skew angle	15
				Structure Flared	Yes, flared [1]
				Historical significance	Historical significance is not determinable at this time. [4]
Total length	41.1 m = 134.8 ft	Length of maximum span	33.8 m = 110.9 ft	Deck width, out-to-out	6.2 m = 20.3 ft
Inventory Route, Total Horizontal Clearance	5.6 m = 18.4 ft	Curb or sidewalk width - left	1.7 m = 5.6 ft	Curb or sidewalk width - right	1.7 m = 5.6 ft
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Bituminous [6]				
Deck protection	Epoxy Coated Reinforcing [1]				
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	27.2 metric ton = 29.9 tons
0.1 km = 0.1 mi	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	39 metric ton = 42.9 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	M 18 / H 20 [4]

Functional Details

Average Daily Traffic	1453	Average daily truck traffi	4	%	Year	2000	Future average daily traffic	2111	Year	2020
Road classification	Collector (Urban) [17]		Lanes on structure	1		Approach roadway width	5.4 m = 17.7 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	5.1 m = 16.7 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	95000	Roadway improvement cost	47000
	Length of structure improvement	41.1 m = 134.8 ft	Total project cost	142000
	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	Open, no restriction [A]	Appraisal ratings - structural	Equal to present minimum criteria [6]
Condition ratings - superstructure	Excellent [9]	Appraisal ratings - roadway alignment	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
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	
Pier or abutment protection	Navigation protection not required [1]	Sufficiency rating	84.1
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	October 2007 [1007]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	October 2007 [1007]
Other special inspection	Not needed [N]	Other special inspection date	