HistoricBridges.org - National Bridge Inventory Data Sheet

2010 Inventory

The National Bridge Inventory contains data submitted by state transportion 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]	Oneida County [065]	Verona [77178]	1.1 MI E SH 13 & BG CANAL	43-12-08 = 43.202222	075-42-43 = -75.711944

4426090	Highway agency district: 26	Owner: State Highway Agency [01]	Maintenance responsibility: State Highway Agency [01]		
Route: 0		COVE ROAD	Toll: On free road [3]	Features intersected: ERIE BARGE CANAL	

Design - main: Steel [3]	Design - approach: Concrete [1]	Kilometerpoint: 0 km = 0.0 mi			
1	Truss - Thru [10]	4	Slab [01]	Year built: 1908	Year reconstructed: 1955
				Skew angle: 0	Structure Flared:
				Historical significance: Historical significance is not determinable at this time. [4]	

Total length: 92.3 m = 302.8 ft	Length of maximum span: 56 m = 183.7 ft	Deck width, out-to-out: 5.2 m = 17.1 ft	Bridge roadway width, curb-to-curb: 4.6 m = 15.1 ft				
Inventory Route, Total Horizontal Clearance: 4.6 m = 15.1 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	Monolithic Concrete (concurrently placed with structural deck) [1]
Deck protection	Not applicable (applies only to structures with no deck) [N]
Type of membrane/wearing surface	

Weight Limits

Bypass, detour length: 0.6 km = 0.4 mi	Method to determine inventory rating: Load Factor(LF) [1]		Inventory rating: 16.3 metric ton = 17.9 tons		
	Method to determine operating rating: Load Factor(LF) [1]		Operating rating: 24.5 metric ton = 27.0 tons		
	Bridge posting: 20.0 - 29.9 % below [2]		Design Load:		

Functional Details

Average Daily Traffic	965	Average daily truck traffi	6 %	Year	2009	Future average daily traffic	1197
Year	2029						
Road classification	Local (Rural) [09]	Lanes on structure	1	Approach roadway width	4.5 m = 14.8 ft		
Type of service on bridge	Highway [1]	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	6 m = 19.7 ft	Navigation horizontal clearance	13.4 m = 44.0 ft				
Minimum navigation vertical clearance, vertical lift bridge		Minimum vertical clearance over bridge roadway	4.11 m = 13.5 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

Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	2083000	Roadway improvement cost	1373000
Length of structure improvement	92.3 m = 302.8 ft	Total project cost	3456000
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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructur	Fair [5]	Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - substructure	Poor [4]	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	Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]

Appraisal ratings - water adequacy	Equal to present minimum criteria [6]	Status evaluation	Structurally deficient [1]
Pier or abutment protection	Navigation protection not required [1]	Sufficiency rating	31.4

Culverts	Not applicable. Used if structure is not a culvert. [N]
Traffic safety features - railings	
Traffic safety features - transitions	
Traffic safety features - approach guardrail	
Traffic safety features - approach guardrail ends	

Inspection date	September 2009 [0909]	Designated inspection frequency	12	Months

Underwater inspection	Unknown [Y60]	Underwater inspection date	September 2008 [0908]
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	September 2009 [0909]
Other special inspection	Not needed [N]	Other special inspection date	