HistoricBridges.org - National Bridge Inventory Data Sheet

2012 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]	3.3 MI.E.SH 13 & CANAL	43-12-20 = 43.205556	075-40-12 = -75.670000

4426080	Highway agency district: 26	Owner: State Highway Agency [01]	Maintenance responsibility: State Highway Agency [01]		
Route: 0		HIGGINSVILLE ROAD	Toll: On free road [3]	Features intersected: ERIE BARGE CANAL	
Design - main: Steel [3]		Design - approach: Concrete [1]		Kilometerpoint: 592.1 km = 367.1 mi	
1	Truss - Thru [10]	4	Slab [01]	Year built: 1908	Year reconstructed: 1953
				Skew angle: 0	Structure Flared:
				Historical significance: Historical significance is not determinable at this time. [4]	

Total length: 91.4 m = 299.9 ft	Length of maximum span: 56 m = 183.7 ft	Deck width, out-to-out: 4.9 m = 16.1 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: 0.9 km = 0.6 mi	Method to determine inventory rating: No rating analysis performed [5]		Inventory rating: 0 metric ton = 0.0 tons		
	Method to determine operating rating: No rating analysis performed [5]		Operating rating: 0 metric ton = 0.0 tons		
	Bridge posting: 30.0 - 39.9 % below [1]		Design Load:		

Functional Details

Average Daily Traffic	1320	Average daily truck traffi	6 %	Year	2007	Future average daily traffic	1848	Year	2027

Road classification	Minor Collector (Rural) [08]	Lanes on structure	1	Approach roadway width	4.5 m = 14.8 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	7.6 m = 24.9 ft	Navigation horizontal clearance	13.4 m = 44.0 ft		
Minimum navigation vertical clearance, vertical lift bridge		Minimum vertical clearance over bridge roadway	4.08 m = 13.4 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	13534000	Roadway improvement cost	1270000
Length of structure improvement	91.4 m = 299.9 ft	Total project cost	14804000
Year of improvement cost estimate	2011		
Border bridge - state		Border bridge - percent responsibility of other state	
Border bridge - structure number			

Inspection and Sufficiency

Structure status	Bridge closed to all traffic [K]	Appraisal ratings - structural	
Condition ratings - superstructure	Serious [3]	Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - substructure	Serious [3]	Appraisal ratings - deck geometry	
Condition ratings - deck	Serious [3]		

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	In place and functioning [2]	Sufficiency rating	6.1

Culverts	Not applicable. Used if structure is not a culvert. [N]

Traffic safety features - railings	
Traffic safety features - transitions	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - approach guardrail	
Traffic safety features - approach guardrail ends	

Inspection date	December 2011 [1211]	Designated inspection frequency	12	Months	
Underwater inspection	Unknown [Y60]			Underwater inspection date	August 2007 [0807]
Fracture critical inspection	Every year [Y12]			Fracture critical inspection date	December 2011 [1211]
Other special inspection	Not needed [N]			Other special inspection date	