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]	1.2 MI E SH 13 & BG CANAL	43-12-15 = 43.204167	075-42-39 = -75.710833

4426270	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: WOOD CREEK	

Design - main: Steel [3]		Design - approach:		Kilometerpoint: 93.3 km = 57.8 mi	
1	Girder and floorbeam system [03]	0	Other [00]	Year built: 1918	Year reconstructed: 1955
				Skew angle: 0	Structure Flared:
				Historical significance: Historical significance is not determinable at this time. [4]	

Total length: 17.9 m = 58.7 ft	Length of maximum span: 17.3 m = 56.8 ft	Deck width, out-to-out: 5.4 m = 17.7 ft	Bridge roadway width, curb-to-curb: 4.5 m = 14.8 ft
Inventory Route, Total Horizontal Clearance: 4.5 m = 14.8 ft	Curb or sidewalk width - left: 0 m = 0.0 ft	Curb or sidewalk width - right: 0 m = 0.0 ft	
Deck structure type: Open Grating [3]			
Type of wearing surface: Other [9]			
Deck protection:			
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	1040	Average daily truck traffi	6 %	Year	2002	Future average daily traffic	909	Year	2031

Road classification	Local (Rural) [09]	Lanes on structure	1	Approach roadway width	3.9 m = 12.8 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 vertical clearanc	0 = N/A	Navigation horizontal clearance	0 = N/A		
Minimum navigation vertical clearance, vertical lift bridge		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

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	1615000	Roadway improvement cost	152000
Length of structure improvement	17.9 m = 58.7 ft	Total project cost	1767000
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	Good [7]	Appraisal ratings - deck geometry	
Condition ratings - deck	Very Good [8]		

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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	15.8

Culverts	Not applicable. Used if structure is not a culvert. [N]
Traffic safety features - railings	
Traffic safety features - transitions	
Traffic safety features - approach guardrail	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - approach guardrail ends	

Inspection date	December 2011 [1211]	Designated inspection frequency	12	Months

Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	December 2011 [1211]
Other special inspection	Not needed [N]	Other special inspection date	