HistoricBridges.org - National Bridge Inventory Data Sheet

2007 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]	Tioga County [107]	Newark Valley [49902]	.7 MI SW OF NEWARK VALLEY	42-13-02 = 42.217222	076-11-36 = -76.193333

2219100	Highway agency district: 65	Owner: Town or Township Highway Agency [03]	Maintenance responsibility: Town or Township Highway Agency [03]		
Route: 0		SILK STREET	Toll: On free road [3]	Features intersected: E BR OWEGO CREEK	
Design - main: Steel [3]		Design - approach:		Kilometerpoint: 0 km = 0.0 mi	
1	Truss - Thru [10]	0	Other [00]	Year built: 1888	Year reconstructed: N/A [0000]
				Skew angle: 0	Structure Flared:
				Historical significance: Bridge is on the NRHP. [1]	

Total length: 21 m = 68.9 ft	Length of maximum span: 20.4 m = 66.9 ft	Deck width, out-to-out: 4.2 m = 13.8 ft	Bridge roadway width, curb-to-curb: 3.8 m = 12.5 ft				
Inventory Route, Total Horizontal Clearance: 3.8 m = 12.5 ft	Curb or sidewalk width - left: 0 m = 0.0 ft	Curb or sidewalk width - right: 0 m = 0.0 ft					
Deck structure type: Wood or Timber [8]							
Type of wearing surface: Bituminous [6]							
Deck protection:							
Type of membrane/wearing surface:							

Weight Limits

Bypass, detour length	Method to determine inventory rating: No rating analysis performed [5]		Inventory rating: 0 metric ton = 0.0 tons		
0.1 km = 0.1 mi	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	64	Average daily truck traffi	6 %	Year	1995	Future average daily traffic	84	Year	2015
Road classification	Local (Rural) [09]	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 vertical clearanc	0 = N/A	Navigation horizontal clearance	0 = N/A						
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

Widening of existing bridge with deck rehabilitation or replacement. [34]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	169000	Roadway improvement cost	96000
Length of structure improvement	21 m = 68.9 ft	Total project cost	265000
Year of improvement cost estimate	2006		
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 - superstructur	Serious [3]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Fair [5]		

Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]
Channel and channel protection	Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel. [5]

Appraisal ratings - water adequacy	Meets minimum tolerable limits to be left in place as is [4]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	21

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	May 2006 [0506]	Designated inspection frequency	12	Months

Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	May 2006 [0506]
Other special inspection	Not needed [N]	Other special inspection date	