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]	Steuben County [101]	Hornellsville [35683]	JCT RTS 21&36&CANISTEO R	42-20-18 = 42.338333	077-39-39 = -77.660833

2016360	Highway agency district	64	Owner	Town or Township Highway Agency [03]	Maintenance responsibility	County Highway Agency [02]	
Route	0		SENECA ROAD	Toll	On free road [3]	Features intersected	CANISTEO RIVER

Design - main	Steel [3]	Design - approach		Kilometerpoint	0 km = 0.0 mi		
1	Truss - Thru [10]	0	Other [00]	Year built	1938	Year reconstructed	1980
				Skew angle	0	Structure Flared	
				Historical significance	Bridge is not eligible for the NRHP. [5]		

Total length	49.1 m = 161.1 ft	Length of maximum span	47.2 m = 154.9 ft	Deck width, out-to-out	12.7 m = 41.7 ft	Bridge roadway width, curb-to-curb	12.1 m = 39.7 ft
Inventory Route, Total Horizontal Clearance	12.1 m = 39.7 ft	Curb or sidewalk width - left	1.5 m = 4.9 ft	Curb or sidewalk width - right	1.5 m = 4.9 ft		

Deck structure type	Concrete Cast-in-Place [1]
Type of wearing surface	Integral Concrete (separate non-modified layer of concrete added to structural deck) [2]
Deck protection	Epoxy Coated Reinforcing [1]
Type of membrane/wearing surface	

Weight Limits

Bypass, detour length		Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	34.5 metric ton = 38.0 tons
0.1 km = 0.1 mi		Method to determine operating rating	Load Factor(LF) [1]	Operating rating	53.5 metric ton = 58.9 tons
		Bridge posting	Equal to or above legal loads [5]	Design Load	M 18 / H 20 [4]

Functional Details

Average Daily Traffic	6583	Average daily truck traffi	6 %	Year	2009	Future average daily traffic	7680
Year	2029						
Road classification	Minor Arterial (Urban) [16]	Lanes on structure	4	Approach roadway width	10.9 m = 35.8 ft		
Type of service on bridge	Highway-pedestrian [5]	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 vertical clearanc	0 = N/A	Navigation horizontal clearance	0 = N/A				
Minimum navigation vertical clearance, vertical lift bridge		Minimum vertical clearance over bridge roadway	4.49 m = 14.7 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	1417000	Roadway improvement cost	844000
Length of structure improvement	49.1 m = 161.1 ft	Total project cost	2261000
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	Open, no restriction [A]	Appraisal ratings - structural	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructur	Fair [5]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Fair [5]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8]		
Appraisal ratings - water adequacy	Equal to present minimum criteria [6]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	61.5
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	August 2009 [0809]	Designated inspection frequency	24	Months	
Underwater inspection	Not needed [N]			Underwater inspection date	
Fracture critical inspection	Every two years [Y24]			Fracture critical inspection date	August 2009 [0809]
Other special inspection	Not needed [N]			Other special inspection date	