HistoricBridges.org - National Bridge Inventory Data Sheet

2016 Inventor

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]	St. Lawrence County [089]	Massena [46030]	3.5 MI W OF HOGANSBURG	44-58-43.40 = 44.978722	074-43-58.87 = -74.733019

3341330	Highway agency district 75	Owner: County Highway Agency [02]	Maintenance responsibility: County Highway Agency [02]		
Route: 0		RSVELTOWN ACC RD	Toll: On free road [3]	Features intersected: RAQUETTE RIVER	

Design - main: Steel [3]	Design - approach: Steel [3]	Kilometerpoint: 66 km = 40.9 mi			
2	Truss - Thru [10]	2	Stringer/Multi-beam or girder [02]	Year built: 1934	Year reconstructed: 1965
				Skew angle: 0	Structure Flared:
				Historical significance: Historical significance is not determinable at this time. [4]	

Total length: 116.7 m = 382.9 ft	Length of maximum span: 45.7 m = 149.9 ft	Deck width, out-to-out: 6.2 m = 20.3 ft	Bridge roadway width, curb-to-curb: 5.8 m = 19.0 ft		
Inventory Route, Total Horizontal Clearanc: 5.7 m = 18.7 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	Method to determine inventory rating: Load Factor(LF) [1]		Inventory rating: 10.9 metric ton = 12.0 tons		
0.3 km = 0.2 mi	Method to determine operating rating: Load Factor(LF) [1]		Operating rating: 18.1 metric ton = 19.9 tons		
	Bridge posting: 30.0 - 39.9 % below [1]		Design Load:		

Functional Details

Average Daily Traffic	205	Average daily truck traffi	3 %	Year	2012	Future average daily traffic	287
Year	2032						
Road classification	Minor Collector (Rural) [08]	Lanes on structure	1	Approach roadway width	5.4 m = 17.7 ft		
Type of service on bridge	Highway [1]	Direction of traffic	1 - way traffic [1]	Bridge median			
Parallel structure designatio	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	3.09 m = 10.1 ft				
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]						
Minimum lateral underclearance on right	0 = N/A	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

Bridge deck replacement with only incidental widening. [37]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	2005000	Roadway improvement cost	1174000
Length of structure improvement	116.7 m = 382.9 ft	Total project cost	3179000
Year of improvement cost estimate	2014		
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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructur	Poor [4]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	
Condition ratings - deck	Fair [5]		

Scour	Bridge foundations determined to be stable for assessed or calculated scour conditions; field review indicates action is required. [4]
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	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	35.9

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	November 2015 [1115]	Designated inspection frequency	12	Months
Underwater inspection	Not needed [N]	Underwater inspection date		
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	November 2015 [1115]	
Other special inspection	Not needed [N]	Other special inspection date		