

The National Bridge Inventory contains data submitted by state transportation 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]	Norfolk [51330]	1.5 MILES N OF NORWOOD	44-46-00.82 = 44.766894	075-00-00.62 = -75.000172
3341430	Highway agency district 75	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 0	CR 48A, YALEVILLE	Toll On free road [3]	Features intersected	RAQUETTE RIVER	
Design - main 1	Aluminum, Wrought Iron or Cast Iron [9] Truss - Thru [10]	Design - approach 0	Other [00]	Kilometerpoint 1.6 km = 1.0 mi	Year built 1892 Year reconstructed 1969
				Skew angle 0	Structure Flared
				Historical significance Bridge is eligible for the NRHP. [2]	
Total length	53 m = 173.9 ft	Length of maximum span	52.1 m = 170.9 ft	Deck width, out-to-out	4.3 m = 14.1 ft
Inventory Route, Total Horizontal Clearance	3.9 m = 12.8 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 0.6 km = 0.4 mi	Method to determine inventory rating	No rating analysis or evaluation perfor	Inventory rating	2.7 metric ton = 3.0 tons
	Method to determine operating rating	No rating analysis or evaluation perfor	Operating rating	2.7 metric ton = 3.0 tons
	Bridge posting	20.0 - 29.9 % below [2]	Design Load	

Functional Details

Average Daily Traffic	179	Average daily truck traffi	2	%	Year	2014	Future average daily traffic	251	Year	2034	
Road classification	Local (Rural) [09]		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 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	2.43 m = 8.0 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	Work done by	Work to be done by contract [1]								
Widening of existing bridge with deck rehabilitation or replacement. [34]	Bridge improvement cost	173000	Roadway improvement cost	101000						
	Length of structure improvement	53 m = 173.9 ft		Total project cost	274000					
	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

Posted for load [P]

Appraisal ratings -
structural

Basically intolerable requiring high priority of corrective action [3]

Condition ratings - superstructure

Fair [5]

Appraisal ratings -
roadway alignment

Basically intolerable requiring high priority of replacement [2]

Condition ratings - substructure

Satisfactory [6]

Appraisal ratings -
deck geometry

Basically intolerable requiring high priority of replacement [2]

Condition ratings - deck

Satisfactory [6]

Scour

Bridge foundations determined to be stable for assessed or calculated scour conditions; field review indicates action is required. [4]

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

Functionally obsolete [2]

Pier or abutment protection

Sufficiency rating

0

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

October 2015 [1015]

Designated inspection frequency

12

Months

Underwater inspection

Not needed [N]

Underwater inspection date

Fracture critical inspection

Every year [Y12]

Fracture critical inspection date

October 2015 [1015]

Other special inspection

Not needed [N]

Other special inspection date