

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]	Clinton County [019]	Saranac [65211]	.1MI SW MOFFITSVILLE	44-38-18 = 44.638333	073-45-24 = -73.756667
3335730	Highway agency district: 71	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 0	SOPER ROAD	Toll On free road [3]	Features intersected	SARANAC RIVER	
Design - main Steel [3]	Design - approach	Kilometerpoint	Year built 1910	Year reconstructed 1960	
1 Truss - Thru [10]	0 Other [00]	Skew angle 0	Structure Flared	Historical significance Bridge is not eligible for the NRHP. [5]	
Total length 46 m = 150.9 ft	Length of maximum span 45.7 m = 149.9 ft	Deck width, out-to-out 5 m = 16.4 ft	Bridge roadway width, curb-to-curb 4.9 m = 16.1 ft		
Inventory Route, Total Horizontal Clearance 4.9 m = 16.1 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 0.5 km = 0.3 mi	Method to determine inventory rating	Inventory rating 4.5 metric ton = 5.0 tons
	Method to determine operating rating	Operating rating 9 metric ton = 9.9 tons
Bridge posting 20.0 - 29.9 % below [2]	Design Load	

Functional Details

Average Daily Traffic	400	Average daily truck traffi	10	%	Year	1991	Future average daily traffic	4930	Year	2010
Road classification	Local (Rural) [09]		Lanes on structure	1		Approach roadway width	4.6 m = 15.1 ft			
Type of service on bridge	Highway [1]		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	4.59 m = 15.1 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	Work done by	Work to be done by contract [1]								
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	764000	Roadway improvement cost	88000						
	Length of structure improvement	64.3 m = 211.0 ft		Total project cost	1333000					
	Year of improvement cost estimate									
	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 replacement [2]

Condition ratings - superstructure

Serious [3]

Appraisal ratings -
roadway alignment

Meets minimum tolerable limits to be left in place as is [4]

Condition ratings - substructure

Serious [3]

Appraisal ratings -
deck geometry

Basically intolerable requiring high priority of replacement [2]

Condition ratings - deck

Fair [5]

Scour

Scour calculation/evaluation has not been made. [6]

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

Equal to present minimum criteria [6]

Status evaluation

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

26.6

Culverts

Not applicable. Used if structure is not a culvert. [N]

Traffic safety features - railings

Traffic safety features - transitions

Not applicable or a safety feature is not required. [N]

Traffic safety features - approach guardrail

Traffic safety features - approach guardrail ends

Inspection date

May 1991 [0591]

Designated inspection frequency

12

Months

Underwater inspection

Not needed [N]

Underwater inspection date

Fracture critical inspection

Every two years [Y24]

Fracture critical inspection date

May 1991 [0591]

Other special inspection

Not needed [N]

Other special inspection date