

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.
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Basic Information

New York [36] Livingston County [051] Groveland [31016] 1.5 MI NW OF GROVELAND 42-40-50 = 42.680556 077-47-03 = - 77.784167

3316480 Highway agency district 42 Owner County Highway Agency [02] Maintenance responsibility County Highway Agency [02]

Route 0 PIONEER RD Toll On free road [3] Features intersected CANASERAGA CREEK

Design - main Steel [3] Design - approach Steel [3] Kilometerpoint 0 km = 0.0 mi
 1 Truss - Thru [10] 2 Stringer/Multi-beam or girder [02] Year built 1912 Year reconstructed 1952
 Skew angle 30 Structure Flared
 Historical significance Bridge is not eligible for the NRHP. [5]

Total length 31.6 m = 103.7 ft Length of maximum span 18.2 m = 59.7 ft Deck width, out-to-out 4.7 m = 15.4 ft Bridge roadway width, curb-to-curb 4.4 m = 14.4 ft
 Inventory Route, Total Horizontal Clearance 4.4 m = 14.4 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 Other [9]
 Deck protection
 Type of membrane/wearing surface Unknown [8]

Weight Limits

Bypass, detour length 0.4 km = 0.2 mi Method to determine inventory rating Load Factor(LF) [1] Inventory rating 30.3 metric ton = 33.3 tons
 Method to determine operating rating Load Factor(LF) [1] Operating rating 50.7 metric ton = 55.8 tons
 Bridge posting Equal to or above legal loads [5] Design Load M 18 / H 20 [4]

Functional Details

Average Daily Traffic	27	Average daily truck traffi	6	%	Year	2003	Future average daily traffic	37	Year	2023
Road classification	Local (Rural) [09]		Lanes on structure	1		Approach roadway width	3.3 m = 10.8 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	Work done by	Work to be done by contract [1]								
Widening of existing bridge with deck rehabilitation or replacement. [34]	Bridge improvement cost	232000	Roadway improvement cost	129000						
	Length of structure improvement	31.6 m = 103.7 ft		Total project cost	361000					
	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	Posted for other load-capacity restriction [R]	Appraisal ratings - structural	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	Equal to present minimum criteria [6]
Condition ratings - deck	Good [7]		
Scour	Bridge is scour critical; bridge foundations determined to be unstable. [3]		
Channel and channel protection	Bank and embankment protection is severely undermined. River control devices have severe damage. Large deposits of debris are in the channel. [4]		
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	47.3
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	September 2005 [0905]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	September 2005 [0905]
Other special inspection	Not needed [N]	Other special inspection date	