

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] Chautauqua County [013] Hanover [32050] .1 MI SW JCT SH5/US20&438 42-34-05 = 42.568056 079-06-14 = - 79.103889

6001320 Highway agency district 52 Owner State Highway Agency [01] Maintenance responsibility State Highway Agency [01]

Route 5 RTE 5 Toll On free road [3] Features intersected CATTARAUGUS CREEK

Design - main Steel [3] Design - approach Other [00] Kilometerpoint 50213.7 km = 31132.5 mi

3 Truss - Thru [10] 0 Other [00] Year built 1931 Year reconstructed 1979

Skew angle 22 Structure Flared

Historical significance Bridge is eligible for the NRHP. [2]

Total length 167.3 m = 548.9 ft Length of maximum span 54.8 m = 179.8 ft Deck width, out-to-out 12.8 m = 42.0 ft Bridge roadway width, curb-to-curb 11.8 m = 38.7 ft

Inventory Route, Total Horizontal Clearance 9.5 m = 31.2 ft Curb or sidewalk width - left 1.5 m = 4.9 ft Curb or sidewalk width - right 0.2 m = 0.7 ft

Deck structure type Concrete Precast Panels [2]

Type of wearing surface Bituminous [6]

Deck protection Unknown [8]

Type of membrane/wearing surface Epoxy [3]

Weight Limits

Bypass, detour length 0.1 km = 0.1 mi Method to determine inventory rating Load Factor(LF) [1] Inventory rating 21.8 metric ton = 24.0 tons

Method to determine operating rating Load Factor(LF) [1] Operating rating 42.6 metric ton = 46.9 tons

Bridge posting Equal to or above legal loads [5] Design Load M 18 / H 20 [4]

Functional Details

Average Daily Traffic	15828	Average daily truck traffi	14	%	Year	2000	Future average daily traffic	22159	Year	2020
Road classification	Principal Arterial - Other (Rural) [02]		Lanes on structure	2		Approach roadway width	15.5 m = 50.9 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	4.44 m = 14.6 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	22145000	Roadway improvement cost	12968000						
	Length of structure improvement	167.3 m = 548.9 ft		Total project cost	35113000					
	Year of improvement cost estimate	2011								
	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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Fair [5]	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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge is scour critical; bridge foundations determined to be unstable. [3]		
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	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	45.1
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions			
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends	Inspected feature meets currently acceptable standards. [1]		
Inspection date	December 2011 [1211]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	October 2009 [1009]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	December 2011 [1211]
Other special inspection	Not needed [N]	Other special inspection date	