

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] Tompkins County [109] Ithaca [38077] CITY OF ITHACA 42-27-15 = 42.454167 076-29-59 = - 76.499722

2210600 Highway agency district 36 Owner City or Municipal Highway Agency [04] Maintenance responsibility City or Municipal Highway Agency [04]

Route 0 NORTH CAYUGA ST Toll On free road [3] Features intersected FALL CREEK

Design - main Steel [3] Design - approach Other [00] Kilometerpoint 0 km = 0.0 mi

1 Truss - Thru [10] 0 Other [00] Year built 1934 Year reconstructed 2002

Skew angle 25 Structure Flared

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

Total length 34.7 m = 113.9 ft Length of maximum span 33.2 m = 108.9 ft Deck width, out-to-out 10.5 m = 34.5 ft Bridge roadway width, curb-to-curb 9.1 m = 29.9 ft

Inventory Route, Total Horizontal Clearance 9.1 m = 29.9 ft Curb or sidewalk width - left 1.7 m = 5.6 ft Curb or sidewalk width - right 1.7 m = 5.6 ft

Deck structure type Other [9]

Type of wearing surface Bituminous [6]

Deck protection Unknown [8]

Type of membrane/wearing surface

Weight Limits

Bypass, detour length 0.1 km = 0.1 mi Method to determine inventory rating Allowable Stress(AS) [2] Inventory rating 12.7 metric ton = 14.0 tons

Method to determine operating rating Allowable Stress(AS) [2] Operating rating 32.7 metric ton = 36.0 tons

Bridge posting Equal to or above legal loads [5] Design Load MS 13.5 / HS 15 [3]

Functional Details

Average Daily Traffic	3732	Average daily truck traffi	6	%	Year	2009	Future average daily traffic	4434	Year	2029
Road classification	Minor Arterial (Urban) [16]		Lanes on structure	2		Approach roadway width	9.1 m = 29.9 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	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	1454000	Roadway improvement cost	868000						
	Length of structure improvement	34.7 m = 113.9 ft		Total project cost	2322000					
	Year of improvement cost estimate	2009								
	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	Satisfactory [6]	Appraisal ratings - roadway alignment	Better than present minimum criteria [7]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Very Good [8]		
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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]	Status evaluation	
Pier or abutment protection		Sufficiency rating	45.1
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inspected feature meets currently acceptable standards. [1]		
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 2008 [0908]	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 2008 [0908]
Other special inspection	Not needed [N]	Other special inspection date	