

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] Tompkins County [109] Ithaca [38088] 1 MI E OF CORNELL UNIVER 42-27-11 = 42.453056 076-28-13 = - 76.470278

3047440 Highway agency district 36 Owner County Highway Agency [02] Maintenance responsibility County Highway Agency [02]

Route 0 FOREST HOME DR Toll On free road [3] Features intersected FALL CREEK

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

1 Stringer/Multi-beam or girder [02] 0 Other [00] Year built 1996 Year reconstructed N/A [0000]

Skew angle 0 Structure Flared

Historical significance Bridge is not eligible for the NRHP. [5]

Total length 23.1 m = 75.8 ft Length of maximum span 21.9 m = 71.9 ft Deck width, out-to-out 5.4 m = 17.7 ft Bridge roadway width, curb-to-curb 4.3 m = 14.1 ft

Inventory Route, Total Horizontal Clearance 4.3 m = 14.1 ft Curb or sidewalk width - left 1.2 m = 3.9 ft Curb or sidewalk width - right 0 m = 0.0 ft

Deck structure type Concrete Cast-in-Place [1]

Type of wearing surface Integral Concrete (separate non-modified layer of concrete added to structural deck) [2]

Deck protection Epoxy Coated Reinforcing [1]

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 89.8 metric ton = 98.8 tons

Method to determine operating rating Allowable Stress(AS) [2] Operating rating 89.8 metric ton = 98.8 tons

Bridge posting Equal to or above legal loads [5] Design Load MS 22.5 / HS 25 [9]

Functional Details

Average Daily Traffic	6315	Average daily truck traffi	5	%	Year	2009	Future average daily traffic	7932	Year	2029
Road classification	Local (Urban) [19]		Lanes on structure	1		Approach roadway width	4.5 m = 14.8 ft			
Type of service on bridge	Highway-pedestrian [5]		Direction of traffic	1 - way traffic [1]		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	325000	Roadway improvement cost	194000						
	Length of structure improvement	23.1 m = 75.8 ft		Total project cost	519000					
	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	<input type="text" value="Open, no restriction [A]"/>	Appraisal ratings - structural	<input type="text" value="Better than present minimum criteria [7]"/>
Condition ratings - superstructure	<input type="text" value="Good [7]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Basically intolerable requiring high priority of replacement [2]"/>
Condition ratings - substructure	<input type="text" value="Very Good [8]"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of replacement [2]"/>
Condition ratings - deck	<input type="text" value="Very Good [8]"/>		
Scour	<input type="text" value="Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]"/>		
Channel and channel protection	<input type="text" value="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	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>	Status evaluation	<input type="text" value="Functionally obsolete [2]"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="75.6"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - transitions	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail ends	<input type="text"/>		
Inspection date	<input type="text" value="October 2008 [1008]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Not needed [N]"/>	Underwater inspection date	<input type="text"/>
Fracture critical inspection	<input type="text" value="Not needed [N]"/>	Fracture critical inspection date	<input type="text"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>