The National Bridge Inventory contains data submitted by state transportion 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

				42-27-08 = 42.452222	076-29-22 = -76.489444
New York [36]	Tompkins County [109]	Ithaca [38077]	ITHACA		

2210620	Highway agency district	36	Owner	City or Municipal Highway Agency [04]	Maintenance responsibility	City or Municipal Highway Agency [04]

Route	0		STEWART AVENUE	Toll	On free road [3]	Features intersected	FALL CREEK

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

1	Truss - Deck [09]	0	Other [00]

Year built 1951   Year reconstructed 2004

Skew angle 0   Structure Flared

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

Total length	57.9 m = 190.0 ft	Length of maximum span	54.8 m = 179.8 ft	Deck width, out-to-out	10.2 m = 33.5 ft	Bridge roadway width, curb-to-curb	6.8 m = 22.3 ft

Inventory Route, Total Horizontal Clearance	6.8 m = 22.3 ft	Curb or sidewalk width - left	1.2 m = 3.9 ft	Curb or sidewalk width - right	1.2 m = 3.9 ft

Deck structure type	Other [9]
Type of wearing surface	Other [9]
Deck protection	Unknown [8]
Type of membrane/wearing surface	Unknown [8]

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	36.3 metric ton = 39.9 tons
0.1 km = 0.1 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	50.8 metric ton = 55.9 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	MS 18 / HS 20 [5]

Functional Details

Average Daily Traffic: 4161 Average daily truck traffi: 5 % Year: 2008 Future average daily traffic: 5550 Year: 2028

Road classification: Collector (Urban) [17] Lanes on structure: 2 Approach roadway width: 6.7 m = 22.0 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: Widening of existing bridge with deck rehabilitation or replacement. [34]

Work done by: Work to be done by contract [1]

Bridge improvement cost: 1464000 Roadway improvement cost: 874000

Length of structure improvement: 57.9 m = 190.0 ft Total project cost: 2338000

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: Somewhat better than minimum adequacy to tolerate being left in place as is [5]

Condition ratings - superstructur: Fair [5]

Appraisal ratings - roadway alignment: Meets minimum tolerable limits to be left in place as is [4]

Condition ratings - substructure: Good [7]

Appraisal ratings - deck geometry: Basically intolerable requiring high priority of replacement [2]

Condition ratings - deck: Good [7]

Scour: Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]

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: Equal to present minimum criteria [6]

Status evaluation:

Pier or abutment protection:

Sufficiency rating: 64.7

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

Traffic safety features - railings:

Traffic safety features - transitions:

Traffic safety features - approach guardrail:

Traffic safety features - approach guardrail ends:

Inspection date: August 2009 [0809]

Designated inspection frequency: 24 Months

Underwater inspection: Not needed [N]

Underwater inspection date:

Fracture critical inspection: Every two years [Y24]

Fracture critical inspection date: August 2009 [0809]

Other special inspection: Not needed [N]

Other special inspection date: