

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]	Genesee County [037]	Batavia [04726]	3 MI W JCT RTS 5+63 BATV.	43-00-05 = 43.001389	078-15-35 = - 78.259722
1001690	Highway agency district 41	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 5	RTE 5	Toll On free road [3]	Features intersected	TONAWANDA CREEK	
Design - main Steel [3]	Design - approach	Kilometerpoint 2009.3 km = 1245.8 mi	Year built 1930	Year reconstructed 1974	
1	Truss - Thru [10]	0	Other [00]	Skew angle 26	Structure Flared
		Historical significance Bridge is not eligible for the NRHP. [5]			
Total length 39.9 m = 130.9 ft	Length of maximum span 38.1 m = 125.0 ft	Deck width, out-to-out 12.8 m = 42.0 ft	Bridge roadway width, curb-to-curb 11.9 m = 39.0 ft		
Inventory Route, Total Horizontal Clearance 11.9 m = 39.0 ft	Curb or sidewalk width - left 0 m = 0.0 ft	Curb or sidewalk width - right 0 m = 0.0 ft			
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Monolithic Concrete (concurrently placed with structural deck) [1]				
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 3.2 km = 2.0 mi	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	34.5 metric ton = 38.0 tons
	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	54.4 metric ton = 59.8 tons
Bridge posting	Equal to or above legal loads [5]		Design Load	

Functional Details

Average Daily Traffic	11019	Average daily truck traffi	5	%	Year	2009	Future average daily traffic	14470	Year	2029
Road classification	Minor Arterial (Urban) [16]		Lanes on structure	2		Approach roadway width	12.1 m = 39.7 ft			
Type of service on bridge	Highway [1]		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	4.47 m = 14.7 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]								
Bridge deck rehabilitation with only incidental widening. [36]	Bridge improvement cost	416000	Roadway improvement cost	237000						
	Length of structure improvement	39.9 m = 130.9 ft		Total project cost	653000					
	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 - superstructure

Fair [5]

Appraisal ratings -
roadway alignment

Better than present minimum criteria [7]

Condition ratings - substructure

Good [7]

Appraisal ratings -
deck geometry

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

Condition ratings - deck

Fair [5]

Scour

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

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

Equal to present minimum criteria [6]

Status evaluation

Pier or abutment protection

Sufficiency rating

67

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

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

May 2008 [0508]

Designated inspection frequency

24

Months

Underwater inspection

Not needed [N]

Underwater inspection date

Fracture critical inspection

Every two years [Y24]

Fracture critical inspection date

May 2008 [0508]

Other special inspection

Not needed [N]

Other special inspection date