

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]	Broome County [007]	Fenton [25604]	JCT SH 79 & CHENANGO RIVE	42-14-37 = 42.243611	075-50-12 = - 75.836667
1030480	Highway agency district 91	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 79	RTE 79	Toll On free road [3]	Features intersected	CHENANGO RIVER	
Design - main Steel [3]	Design - approach	Kilometerpoint 544.3 km = 337.5 mi	Year built 1936	Year reconstructed 1978	
2	Truss - Thru [10]	0	Other [00]	Skew angle 0	Structure Flared
			Historical significance	Bridge is eligible for the NRHP. [2]	
Total length 121.3 m = 398.0 ft	Length of maximum span 59.4 m = 194.9 ft	Deck width, out-to-out 7.4 m = 24.3 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 1.6 m = 5.2 ft	Curb or sidewalk width - right 0 m = 0.0 ft			
Deck structure type	Open Grating [3]				
Type of wearing surface	Other [9]				
Deck protection					
Type of membrane/wearing surface					

**Weight Limits**

Bypass, detour length 2.4 km = 1.5 mi	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	31.8 metric ton = 35.0 tons
	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	53.5 metric ton = 58.9 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	MS 18 / HS 20 [5]	

### Functional Details

Average Daily Traffic	1187	Average daily truck traffi	8	%	Year	2007	Future average daily traffic	1427	Year	2027
Road classification	Major Collector (Rural) [07]		Lanes on structure	2		Approach roadway width	7.9 m = 25.9 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	4.44 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	2252000	Roadway improvement cost	1311000						
	Length of structure improvement	121.3 m = 398.0 ft		Total project cost	3563000					
	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	Equal to present minimum criteria [6]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - deck	Serious [3]		
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	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	56.5
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	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
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	