HistoricBridges.org - National Bridge Inventory Data Sheet

2010 Inventory

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

New York [36]	Livingston County [051]	York [84022]	JCT RTE 63 + GENESEE R	42-48-16 = 42.804444	077-49-37 = -77.826944

1028700	Highway agency district	42	Owner	State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route	63		RTE 63	Toll	On free road [3]	Features intersected	GENESEE RIVER

Design - main	Steel [3]	Design - approach	Steel [3]	Kilometerpoint	3487.2 km = 2162.1 mi		
1	Truss - Thru [10]	2	Stringer/Multi-beam or girder [02]	Year built	1950	Year reconstructed	1976
				Skew angle	0	Structure Flared	Yes, flared [1]
				Historical significance	Bridge is not eligible for the NRHP. [5]		

Total length	86.5 m = 283.8 ft	Length of maximum span	48.7 m = 159.8 ft	Deck width, out-to-out	10.4 m = 34.1 ft	Bridge roadway width, curb-to-curb	9.4 m = 30.8 ft
Inventory Route, Total Horizontal Clearance	9.4 m = 30.8 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	Bituminous [6]
Deck protection	
Type of membrane/wearing surface	

Weight Limits

Bypass, detour length	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	21.8 metric ton = 24.0 tons	
1.9 km = 1.2 mi	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	43.5 metric ton = 47.9 tons	
	Bridge posting	Equal to or above legal loads [5]	Design Load	M 18 / H 20 [4]	

Functional Details

Average Daily Traffic	5304	Average daily truck traffi	6 %	Year	2009	Future average daily traffic	7051
Year	2029						
Road classification	Other Principal Arterial (Urban) [14]	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	4.6 m = 15.1 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	2234000	Roadway improvement cost	1300000
Length of structure improvement	86.5 m = 283.8 ft	Total project cost	3534000
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	Equal to present desirable criteria [8]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]	Status evaluation	
Pier or abutment protection		Sufficiency rating	49.6

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

Traffic safety features - railings	
Traffic safety features - transitions	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - approach guardrail	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - approach guardrail ends	Inpected feature meets currently acceptable standards. [1]

Inspection date	May 2009 [0509]	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 2009 [0509]
Other special inspection	Not needed [N]	Other special inspection date	