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]	Hamilton County [041]	Wells [79059]	JCT 8+30+SACANDAGA R	43-26-43 = 43.445278	074-15-05 = -74.251389

1004850	Highway agency district: 22	Owner: State Highway Agency [01]	Maintenance responsibility: State Highway Agency [01]		
Route: 8		RTE 8	Toll: On free road [3]	Features intersected: SACANDAGA RIVER	

Design - main: 4	Steel [3]	Girder and floorbeam system [03]	Design - approach: 0	Other [00]	
Kilometerpoint: 6029.4 km = 3738.2 mi					
Year built: 1934	Year reconstructed: 1985				
Skew angle: 0	Structure Flared:				
Historical significance: Bridge is not eligible for the NRHP. [5]					

Total length: 87.1 m = 285.8 ft	Length of maximum span: 27.4 m = 89.9 ft	Deck width, out-to-out: 10.9 m = 35.8 ft	Bridge roadway width, curb-to-curb: 10.3 m = 33.8 ft		
Inventory Route, Total Horizontal Clearance: 10.3 m = 33.8 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: 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: 8.6 km = 5.3 mi	Method to determine inventory rating: Load Factor(LF) [1]	Inventory rating: 30.8 metric ton = 33.9 tons			
	Method to determine operating rating: Load Factor(LF) [1]	Operating rating: 52.6 metric ton = 57.9 tons			
	Bridge posting: Equal to or above legal loads [5]	Design Load: MS 18 / HS 20 [5]			

Functional Details

Average Daily Traffic	1460	Average daily truck traffi	8 %	Year	2008	Future average daily traffic	1659	Year	2028

Road classification	Minor Arterial (Rural) [06]	Lanes on structure	2	Approach roadway width	10.3 m = 33.8 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	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	798000	Roadway improvement cost	475000
Length of structure improvement	87.1 m = 285.8 ft	Total project cost	1273000
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	Equal to present minimum criteria [6]
Condition ratings - superstructur	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - deck	Very Good [8]		

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	91.9

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

Traffic safety features - railings	Inpected feature meets currently acceptable standards. [1]
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	July 2009 [0709]	Designated inspection frequency	24	Months

Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	July 2009 [0709]
Other special inspection	Not needed [N]	Other special inspection date	