HistoricBridges.org - National Bridge Inventory Data Sheet

2016 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]	Orange County [071]	Highlands [34550]	0.6 MI N JCT RTS 9W+6	41-19-39.18 = 41.327550	073-59-15.99 = -73.987775

1007160	Highway agency district:	83	Owner	State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route	#Num!		RTE 9W	Toll	On free road [3]	Features intersected	OLD MINE ROAD, DOCK BROO

Design - main	Steel [3]	Design - approach	Concrete [1]	Kilometerpoint	114.2 km = 70.8 mi		
3	Arch - Deck [11]	10	Slab [01]	Year built	1932	Year reconstructed	1985
				Skew angle	0	Structure Flared	
				Historical significance	Historical significance is not determinable at this time. [4]		

Total length	151.1 m = 495.8 ft	Length of maximum span	48.7 m = 159.8 ft	Deck width, out-to-out	17 m = 55.8 ft	Bridge roadway width, curb-to-curb	14.1 m = 46.3 ft
Inventory Route, Total Horizontal Clearance	13.4 m = 44.0 ft	Curb or sidewalk width - left	1.1 m = 3.6 ft	Curb or sidewalk width - right	1.1 m = 3.6 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	Method to determine inventory rating	No rating analysis or evaluation perfor	Inventory rating	32.7 metric ton = 36.0 tons	
2 km = 1.2 mi	Method to determine operating rating	No rating analysis or evaluation perfor	Operating rating	74.9 metric ton = 82.4 tons	
	Bridge posting	Equal to or above legal loads [5]	Design Load	MS 18 / HS 20 [5]	

Functional Details

Average Daily Traffic	18408	Average daily truck traffi	5 %	Year	2009	Future average daily traffic	25771
Year	2029						
Road classification	Other Principal Arterial (Urban) [14]	Lanes on structure	4	Approach roadway width	13.4 m = 44.0 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	Highway-waterway [6]	Lanes under structure	2	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	Highway beneath structure [H]						
Minimum lateral underclearance on right	2.2 m = 7.2 ft	Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	6.09 m = 20.0 ft	Minimum vertical underclearance reference feature	Highway beneath structure [H]				
Appraisal ratings - underclearances	Meets minimum tolerable limits to be left in place as is [4]						

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	2004000	Roadway improvement cost	1174000
Length of structure improvement	151.1 m = 495.8 ft	Total project cost	3178000
Year of improvement cost estimate	2014		
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 - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Satisfactory [6]		

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 desirable criteria [8]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	62

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	

Inspection date	December 2015 [1215]	Designated inspection frequency	24	Months

Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	