

HistoricBridges.org - National Bridge Inventory Data Sheet

2009 Inventory

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]	Monroe County [055]	Ogden [54474]	.4 MI N JCT SH 31 & SH 36	43-11-44 = 43.195556	077-51-14 = - 77.853889
4443590	Highway agency district: 43	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 0		WASHINGTON STREET	Toll On free road [3]	Features intersected ERIE CANAL	
Design - main	Steel [3]	Design - approach	Steel [3]	Kilometerpoint	0 km = 0.0 mi
1	Movable - Lift [15]	2	Stringer/Multi-beam or girder [02]	Year built	2007
				Year reconstructed	N/A [0000]
				Skew angle	0
				Structure Flared	
				Historical significance	Bridge is not eligible for the NRHP. [5]
Total length	44.1 m = 144.7 ft	Length of maximum span	36.2 m = 118.8 ft	Deck width, out-to-out	6.3 m = 20.7 ft
				Bridge roadway width, curb-to-curb	5.6 m = 18.4 ft
Inventory Route, Total Horizontal Clearance	5.6 m = 18.4 ft	Curb or sidewalk width - left	1.7 m = 5.6 ft	Curb or sidewalk width - right	1.7 m = 5.6 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	Load Factor(LF) [1]	Inventory rating	6.4 metric ton = 7.0 tons
0.3 km = 0.2 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	10.9 metric ton = 12.0 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	M 18 / H 20 [4]

Functional Details

Average Daily Traffic	3297	Average daily truck traffi	4	%	Year	2000	Future average daily traffic	4789	Year	2020
Road classification	Collector (Urban) [17]		Lanes on structure	2		Approach roadway width	6 m = 19.7 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	Waterway [5]		Lanes under structure	0		Navigation control	Navigation control on waterway (bridge permit required). [1]			
Navigation vertical clearanc	6 m = 19.7 ft		Navigation horizontal clearance	22.8 m = 74.8 ft						
Minimum navigation vertical clearance, vertical lift bridge	0 m = 0.0 ft				Minimum vertical clearance over bridge roadway	2.44 m = 8.0 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	102000	Roadway improvement cost	51000
	Length of structure improvement	44.1 m = 144.7 ft	Total project cost	153000
	Year of improvement cost estimate	2008		
	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	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - superstructure	Excellent [9]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Excellent [9]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Excellent [9]		
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	
Pier or abutment protection	None present but re-evaluation suggested [5]	Sufficiency rating	29.5
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions	Not applicable or a safety feature is not required. [N]		
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends			
Inspection date	September 2007 [0907]	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 2007 [0907]
Other special inspection	Not needed [N]	Other special inspection date	