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]	Monroe County [055]	Brockport [08466]	IN BROCKPORT	43-12-55 = 43.215278	077-56-07 = -77.935278

4443190	Highway agency district: 43	Owner: State Highway Agency [01]	Maintenance responsibility: State Highway Agency [01]		
Route: 0		PARK AVE-FAYETTE	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: 1914	Year reconstructed: N/A [0000]
				Skew angle: 0	Structure Flared:
				Historical significance: Historical significance is not determinable at this time. [4]	

Total length: 47.5 m = 155.8 ft	Length of maximum span: 39.6 m = 129.9 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	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: 0.1 km = 0.1 mi	Method to determine inventory rating: Load Factor(LF) [1]	Inventory rating: 35.4 metric ton = 38.9 tons		
	Method to determine operating rating: Load Factor(LF) [1]	Operating rating: 59.9 metric ton = 65.9 tons		
	Bridge posting: Equal to or above legal loads [5]	Design Load: M 18 / H 20 [4]		

Functional Details

Average Daily Traffic	4763	Average daily truck traffi	2 %	Year	2009	Future average daily traffic	6592
Year	2029						
Road classification	Local (Urban) [19]	Lanes on structure	2	Approach roadway width	5.4 m = 17.7 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	5.1 m = 16.7 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	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	743000	Roadway improvement cost	443000
Length of structure improvement	47.5 m = 155.8 ft	Total project cost	1186000
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	Satisfactory [6]	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 replacement [2]
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	Functionally obsolete [2]
Pier or abutment protection	Navigation protection not required [1]	Sufficiency rating	61.6

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	Not applicable or a safety feature is not required. [N]
Traffic safety features - approach guardrail	
Traffic safety features - approach guardrail ends	

Inspection date	December 2008 [1208]	Designated inspection frequency	24	Months	
Underwater inspection	Not needed [N]			Underwater inspection date	
Fracture critical inspection	Every two years [Y24]			Fracture critical inspection date	December 2008 [1208]
Other special inspection	Not needed [N]			Other special inspection date	