HistoricBridges.org - National Bridge Inventory Data Sheet

2012 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]	St. Lawrence County [089]	Lisbon [42631]	1.8 MI.NE OF OGDENSBURG	44-43-45 = 44.729167	075-27-20 = -75.455556

5523230	Highway agency district 75	Owner: Local Toll Authority [32]	Maintenance responsibility: Local Toll Authority [32]		
Route: 0		OGD-PRES INTER BR	Toll: Toll bridge [1]	Features intersected: CAN.QUEENS HWY.2, ST.LAW	

Design - main: Steel [3]		Design - approach: Steel [3]		Kilometerpoint: 0 km = 0.0 mi	
3	Suspension [13]	29	Truss - Deck [09]	Year built: 1960	Year reconstructed: N/A [0000]
				Skew angle: 0	Structure Flared:
				Historical significance: Historical significance is not determinable at this time. [4]	

Total length: 2250.9 m = 7385.2 ft	Length of maximum span: 348.3 m = 1142.8 ft	Deck width, out-to-out: 10.9 m = 35.8 ft	Bridge roadway width, curb-to-curb: 7.9 m = 25.9 ft		
Inventory Route, Total Horizontal Clearance: 7.9 m = 25.9 ft	Curb or sidewalk width - left: 1 m = 3.3 ft	Curb or sidewalk width - right: 0.4 m = 1.3 ft			

Deck structure type	Open Grating [3]
Type of wearing surface	Other [9]
Deck protection	
Type of membrane/wearing surface	

Weight Limits

Bypass, detour length: 19.9 km = 12.3 mi	Method to determine inventory rating: No rating analysis performed [5]		Inventory rating: 32.6 metric ton = 35.9 tons		
	Method to determine operating rating: No rating analysis performed [5]		Operating rating: 99.9 metric ton = 109.9 tons		
	Bridge posting: Equal to or above legal loads [5]		Design Load: MS 18 / HS 20 [5]		

Functional Details

Average Daily Traffic	1306	Average daily truck traffi	10 %	Year	2001	Future average daily traffic	1828
Year	2021						
Road classification	Principal Arterial - Other (Rural) [02]	Lanes on structure	2	Approach roadway width	7.9 m = 25.9 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	3	Navigation control	Navigation control on waterway (bridge permit required). [1]		
Navigation vertical clearanc	36.5 m = 119.8 ft	Navigation horizontal clearance	30.4 m = 99.7 ft				
Minimum navigation vertical clearance, vertical lift bridge		Minimum vertical clearance over bridge roadway	13.99 m = 45.9 ft				
Minimum lateral underclearance reference feature	Highway beneath structure [H]						
Minimum lateral underclearance on right	3.6 m = 11.8 ft	Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	4.64 m = 15.2 ft	Minimum vertical underclearance reference feature	Highway beneath structure [H]				
Appraisal ratings - underclearances	Equal to present minimum criteria [6]						

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	33145000	Roadway improvement cost	19410000
Length of structure improvement	2250.9 m = 7385.2 ft	Total project cost	52555000
Year of improvement cost estimate	2011		
Border bridge - state	Unknown [CAN]	Border bridge - percent responsibility of other state	
Border bridge - structure number	0		

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	Satisfactory [6]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Poor [4]		

Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]
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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]	Status evaluation	Structurally deficient [1]
Pier or abutment protection	None present but re-evaluation suggested [5]	Sufficiency rating	44.8

Culverts	Not applicable. Used if structure is not a culvert. [N]
Traffic safety features - railings	
Traffic safety features - transitions	
Traffic safety features - approach guardrail	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - approach guardrail ends	

Inspection date	August 2010 [0810]	Designated inspection frequency	24	Months

Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	August 2010 [0810]
Other special inspection	Not needed [N]	Other special inspection date	