HistoricBridges.org - National Bridge Inventory Data Sheet

2013 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

Pennsylvania [42]	Northampton County [095]	Glendon [29568]	1 MILE EAST OF LR48010	40-40-18.00 = 40.671667	075-14-12.00 = -75.236667

28923	Highway agency district 5	Owner	County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]

Route	0	HIGH ST	Toll	On free road [3]	Features intersected LEHIGH CANAL + NORFORK

Design - main	Steel [3]	Design - approach		Kilometerpoint	0 km = 0.0 mi
1	Truss - Thru [10]	0	Other [00]	Year built 1910	Year reconstructed 1949
				Skew angle 0	Structure Flared
				Historical significance	Historical significance is not determinable at this time. [4]

Total length	41.8 m = 137.1 ft	Length of maximum span	38.4 m = 126.0 ft	Deck width, out-to-out	7.6 m = 24.9 ft	Bridge roadway width, curb-to-curb	4.9 m = 16.1 ft
Inventory Route, Total Horizontal Clearance	4.9 m = 16.1 ft	Curb or sidewalk width - left	0 m = 0.0 ft	Curb or sidewalk width - right	2.1 m = 6.9 ft		

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

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	0 metric ton = 0.0 tons	
0.1 km = 0.1 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	0 metric ton = 0.0 tons	
	Bridge posting	Equal to or above legal loads [5]	Design Load	M 18 / H 20 [4]	

Functional Details

Average Daily Traffic	80	Average daily truck traffi		%	Year 1980	Future average daily traffic 203	Year 2030

Road classification	Local (Rural) [09]	Lanes on structure	2	Approach roadway width	6.1 m = 20.0 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	Railroad-waterway [7]	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	10 m = 32.8 ft		
Minimum lateral underclearance reference feature	Railroad beneath structure [R]				
Minimum lateral underclearance on right	0 = N/A	Minimum lateral underclearance on left	0 = N/A		
Minimum Vertical Underclearance	5 m = 16.4 ft	Minimum vertical underclearance reference feature	Railroad beneath structure [R]		
Appraisal ratings - underclearances					

Repair and Replacement Plans

Type of work to be performed

Other structural work, including hydraulic replacements. [38]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	0	Roadway improvement cost	0
Length of structure improvement	51 m = 167.3 ft	Total project cost	0
Year of improvement cost estimate			
Border bridge - state		Border bridge - percent responsibility of other state	
Border bridge - structure number			

Inspection and Sufficiency

Structure status	Bridge closed to all traffic [K]	Appraisal ratings - structural	
Condition ratings - superstructure	Critical [2]	Appraisal ratings - roadway alignment	Better than present minimum criteria [7]
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrrective action [3]
Condition ratings - deck	Fair [5]		

Scour	Bridge foundations (including piles) on dry land well above flood water elevations. [9]
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	Equal to present desirable criteria [8]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	19.4

Culverts	Not applicable. Used if structure is not a culvert. [N]
Traffic safety features - railings	
Traffic safety features - transitions	
Traffic safety features - approach guardrail	
Traffic safety features - approach guardrail ends	

Inspection date	June 2013 [0613]	Designated inspection frequency	24	Months

Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Unknown [Y06]	Fracture critical inspection date	June 2013 [0613]
Other special inspection	Unknown [Y06]	Other special inspection date	June 2013 [0613]