HistoricBridges.org - National Bridge Inventory Data Sheet

2014 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]	Luzerne County [079]	Huntington [36432]	150' EAST OF SR 4016	41-12-23.50 = 41.206528	076-14-45.80 = -76.246056

24412	Highway agency district: 4	Owner: County Highway Agency [02]	Maintenance responsibility: County Highway Agency [02]		

Route: 0		T-490 DARO RD	Toll: On free road [3]	Features intersected: HUNTINGTON CREEK	

Design - main: 1	Aluminum, Wrought Iron or Cast Iron [9]	Design - approach: 0	Other [00]	Kilometerpoint: 0 km = 0.0 mi	
	Truss - Thru [10]			Year built: 1910	Year reconstructed: N/A [0000]
				Skew angle: 0	Structure Flared:
				Historical significance: Bridge is not eligible for the NRHP. [5]	

Total length: 24.4 m = 80.1 ft	Length of maximum span: 23.5 m = 77.1 ft	Deck width, out-to-out: 4.9 m = 16.1 ft	Bridge roadway width, curb-to-curb: 4.7 m = 15.4 ft
Inventory Route, Total Horizontal Clearance: 4.7 m = 15.4 ft	Curb or sidewalk width - left: 0 m = 0.0 ft	Curb or sidewalk width - right: 0 m = 0.0 ft	
Deck structure type: Wood or Timber [8]			
Type of wearing surface:			
Deck protection:			
Type of membrane/wearing surface:			

Weight Limits

Bypass, detour length: 0.3 km = 0.2 mi	Method to determine inventory rating: Load Factor(LF) [1]		Inventory rating: 13 metric ton = 14.3 tons		
	Method to determine operating rating: Load Factor(LF) [1]		Operating rating: 18 metric ton = 19.8 tons		
	Bridge posting:		Design Load:		

Functional Details

Average Daily Traffic	55	Average daily truck traffi	0 %	Year	2012	Future average daily traffic	70
Year	2032						
Road classification	Local (Rural) [09]	Lanes on structure	1	Approach roadway width	3.4 m = 11.2 ft		
Type of service on bridge	Highway [1]	Direction of traffic	One lane bridge for 2 - way traffic [3]	Bridge median			
Parallel structure designation	No parallel structure exists. [N]						
Type of service under bridge	Waterway [5]	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	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	0 = N/A	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

Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	0	Roadway improvement cost	0
Length of structure improvement	30 m = 98.4 ft	Total project cost	1000
Year of improvement cost estimate			
Border bridge - state		Border bridge - percent responsibility of other state	
Border bridge - structure number			

Inspection and Sufficiency

Structure status	Posted for load [P]	Appraisal ratings - structural	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Poor [4]	Appraisal ratings - roadway alignment	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	Better than present minimum criteria [7]
Condition ratings - deck	Fair [5]		
Scour	Bridge foundations determined to be stable for assessed or calculated scour conditions; field review indicates action is required. [4]		
Channel and channel protection	Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel. [5]		
Appraisal ratings - water adequacy	Equal to present desirable criteria [8]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	33.2
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	September 2012 [0912]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	September 2012 [0912]
Other special inspection	Every year [Y12]	Other special inspection date	September 2012 [0912]