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

Pennsylvania [42]	Chester County [029]	Charlestown [12744]	CHARLESTOWN TWP. 14F11	40-06-00 = 40.100000	075-34-06 = -75.568333

157202050401780	Highway agency district: 6	Owner: Town or Township Highway Agency [03]	Maintenance responsibility: Town or Township Highway Agency [03]		
Route: 0		PICKERING ROAD	Toll: On free road [3]	Features intersected: PICKERING CREEK	
Design - main: Steel [3]		Design - approach:		Kilometerpoint: 0 km = 0.0 mi	
1	Stringer/Multi-beam or girder [02]	0	Other [00]	Year built: 1894	Year reconstructed: 1999
				Skew angle: 0	Structure Flared:
				Historical significance: Historical significance is not determinable at this time. [4]	

Total length: 25.3 m = 83.0 ft	Length of maximum span: 24.4 m = 80.1 ft	Deck width, out-to-out: 5.2 m = 17.1 ft	Bridge roadway width, curb-to-curb: 4.1 m = 13.5 ft		
Inventory Route, Total Horizontal Clearance: 4.1 m = 13.5 ft	Curb or sidewalk width - left: 0 m = 0.0 ft	Curb or sidewalk width - right: 0 m = 0.0 ft			
Deck structure type: Open Grating [3]					
Type of wearing surface: Wood or Timber [7]					
Deck protection:					
Type of membrane/wearing surface:					

Weight Limits

Bypass, detour length	Method to determine inventory rating: Load Factor(LF) [1]		Inventory rating: 30.8 metric ton = 33.9 tons		
0.3 km = 0.2 mi	Method to determine operating rating: Load Factor(LF) [1]		Operating rating: 51.7 metric ton = 56.9 tons		
	Bridge posting: Equal to or above legal loads [5]		Design Load: M 13.5 / H 15 [2]		

Functional Details

Average Daily Traffic	42	Average daily truck traffi		%	Year 1989	Future average daily traffic 59	Year 2009

Road classification	Local (Rural) [09]	Lanes on structure	1	Approach roadway width	4.9 m = 16.1 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		Minimum vertical clearance over bridge roadway	10 m = 32.8 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

Work done by

Bridge improvement cost	0	Roadway improvement cost	0
Length of structure improvement	0 m = 0.0 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	Open, no restriction [A]	Appraisal ratings - structural	Better than present minimum criteria [7]
Condition ratings - superstructur	Good [7]	Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - deck	Very Good [8]		

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		Sufficiency rating	78.3

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	April 2008 [0408]	Designated inspection frequency	24	Months

Underwater inspection	Every two years [Y24]	Underwater inspection date	November 2001 [1101]
Fracture critical inspection	Unknown [N00]	Fracture critical inspection date	
Other special inspection	Unknown [N00]	Other special inspection date	