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]	Crawford County [039]	Beaver [04720]	3.2 MI.NE. BEAVER CENTER	41-50-12 = 41.836667	080-25-36 = -80.426667

207202088530030	Highway agency district 1	Owner: County Highway Agency [02]	Maintenance responsibility: County Highway Agency [02]		

Route: 7202		T-885,JERUSELAM RD	Toll: On free road [3]	Features intersected: OVER STONE RUN	

Design - main	Steel [3]	Design - approach		Kilometerpoint: 0 km = 0.0 mi	
1	Truss - Thru [10]	0	Other [00]	Year built: 1884	Year reconstructed: 1988
				Skew angle: 0	Structure Flared:
				Historical significance: Historical significance is not determinable at this time. [4]	

Total length: 20.7 m = 67.9 ft	Length of maximum span: 20.7 m = 67.9 ft	Deck width, out-to-out: 4.7 m = 15.4 ft	Bridge roadway width, curb-to-curb: 3.9 m = 12.8 ft		
Inventory Route, Total Horizontal Clearance: 3.9 m = 12.8 ft	Curb or sidewalk width - left: 0.1 m = 0.3 ft	Curb or sidewalk width - right: 0.1 m = 0.3 ft			

Deck structure type	Wood or Timber [8]
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	Allowable Stress(AS) [2]	Inventory rating	12.7 metric ton = 14.0 tons	
0.3 km = 0.2 mi	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	18.1 metric ton = 19.9 tons	
	Bridge posting		Design Load		

Functional Details

Average Daily Traffic	250	Average daily truck traffi		%	Year 2006	Future average daily traffic 350	Year 2026

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	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

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	26 m = 85.3 ft	Total project cost	1000
Year of improvement cost estimate	2003		
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 - superstructur	Fair [5]	Appraisal ratings - roadway alignment	Better than present minimum criteria [7]
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 is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly. [6]

Appraisal ratings - water adequacy	Superior to present desirable criteria [9]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	39.4

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	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - approach guardrail	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - approach guardrail ends	Inpected feature meets currently acceptable standards. [1]

Inspection date	November 2008 [1108]	Designated inspection frequency	24	Months

Underwater inspection	Every two years [Y24]	Underwater inspection date	November 2008 [1108]
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	