HistoricBridges.org - National Bridge Inventory Data Sheet

2009 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]	Butler County [019]	Jackson [37344]	CO #97 - SENN	40-48-05 = 40.801389	080-06-18 = -80.105000

107217032300970	Highway agency district: 10	Owner: County Highway Agency [02]	Maintenance responsibility: County Highway Agency [02]		

Route: 0		T-323 EVERGRN MILL	Toll: On free road [3]	Features intersected: LITTLE CONNOQUEN CR	

Design - main: Steel [3]		Design - approach:		Kilometerpoint: 0 km = 0.0 mi	
1	Truss - Thru [10]	0	Other [00]	Year built: 1929	Year reconstructed: N/A [0000]
				Skew angle: 0	Structure Flared:
				Historical significance: Bridge is not eligible for the NRHP. [5]	

Total length: 27.7 m = 90.9 ft	Length of maximum span: 26.2 m = 86.0 ft	Deck width, out-to-out: 6.3 m = 20.7 ft	Bridge roadway width, curb-to-curb: 6 m = 19.7 ft		
Inventory Route, Total Horizontal Clearance: 6 m = 19.7 ft	Curb or sidewalk width - left: 0.2 m = 0.7 ft	Curb or sidewalk width - right: 0.2 m = 0.7 ft			

Deck structure type	Concrete Cast-in-Place [1]
Type of wearing surface	Bituminous [6]
Deck protection	
Type of membrane/wearing surface	

Weight Limits

Bypass, detour length: 0.5 km = 0.3 mi	Method to determine inventory rating: Allowable Stress(AS) [2]	Inventory rating: 19.1 metric ton = 21.0 tons			
	Method to determine operating rating: Allowable Stress(AS) [2]	Operating rating: 39.9 metric ton = 43.9 tons			
	Bridge posting: Equal to or above legal loads [5]	Design Load: M 13.5 / H 15 [2]			

Functional Details

Average Daily Traffic	750	Average daily truck traffi	9 %	Year	2007	Future average daily traffic	775
Year	2027						
Road classification	Local (Rural) [09]	Lanes on structure	2	Approach roadway width	5.8 m = 19.0 ft		
Type of service on bridge	Highway [1]	Direction of traffic	2 - way traffic [2]	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

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	34 m = 111.6 ft	Total project cost	0
Year of improvement cost estimate	2002		
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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructur	Fair [5]	Appraisal ratings - roadway alignment	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
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 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	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	44.8

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	
Traffic safety features - approach guardrail	
Traffic safety features - approach guardrail ends	

Inspection date	August 2007 [0807]	Designated inspection frequency	24	Months

Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	