

# HistoricBridges.org - National Bridge Inventory Data Sheet

2012 Inventory

The National Bridge Inventory contains data submitted by state transportation 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]		Berks County [011]		Maxatawny [48128]		1 MI.N.W.OF KUTZTOWN		40-32-06 = 40.535000		075-47-15 = - 75.787500	
5404		Highway agency district 5		Owner County Highway Agency [02]		Maintenance responsibility		County Highway Agency [02]			
Route 907		LONG DAM RD.		Toll On free road [3]		Features intersected SACONY CREEK					
Design - main Steel [3]		Design - approach		Kilometerpoint 0 km = 0.0 mi							
1		Girder and floorbeam system [03]		0		Other [00]		Year built 1905		Year reconstructed N/A [0000]	
						Skew angle 0		Structure Flared			
						Historical significance Historical significance is not determinable at this time. [4]					
Total length 25 m = 82.0 ft		Length of maximum span 24.4 m = 80.1 ft		Deck width, out-to-out 5.8 m = 19.0 ft		Bridge roadway width, curb-to-curb 5.3 m = 17.4 ft					
Inventory Route, Total Horizontal Clearance 5.3 m = 17.4 ft		Curb or sidewalk width - left 0 m = 0.0 ft		Curb or sidewalk width - right 0 m = 0.0 ft							
Deck structure type		Not applicable [N]									
Type of wearing surface		Bituminous [6]									
Deck protection		Unknown [8]									
Type of membrane/wearing surface		Unknown [8]									

## Weight Limits

Bypass, detour length 19.9 km = 12.3 mi		Method to determine inventory rating		No rating analysis performed [5]		Inventory rating 0 metric ton = 0.0 tons	
		Method to determine operating rating		No rating analysis performed [5]		Operating rating 0 metric ton = 0.0 tons	
Bridge posting				Design Load			

### Functional Details

Average Daily Traffic	30	Average daily truck traffi		%	Year	1979	Future average daily traffic	40	Year	2032
Road classification	Local (Rural) [09]		Lanes on structure	2		Approach roadway width	4.3 m = 14.1 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						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	Work done by	Work to be done by contract [1]		
Other structural work, including hydraulic replacements. [38]	Bridge improvement cost	0	Roadway improvement cost	0
	Length of structure improvement	32 m = 105.0 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	Bridge closed to all traffic [K]	Appraisal ratings - structural	
Condition ratings - superstructure		Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Serious [3]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - deck	Critical [2]		
Scour	Bridge is scour critical; bridge foundations determined to be unstable. [3]		
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	Equal to present desirable criteria [8]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	30.6
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 2010 [0410]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Unknown [Y06]	Fracture critical inspection date	July 2001 [0701]
Other special inspection	Unknown [Y06]	Other special inspection date	October 2009 [1009]