

# HistoricBridges.org - National Bridge Inventory Data Sheet

2009 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]	Lycoming County [081]	Moreland [50936]	4 MI SW OF LAIRDSVILLE	41-11-23 = 41.189722	076-39-13 = - 76.653611
412069002000000	Highway agency district: 3	Owner State Highway Agency [01]	Maintenance responsibility State Highway Agency [01]		
Route 0		SR 2069	Toll On free road [3]	Features intersected OVER LITTLE MUNCY CREEK	
Design - main	Steel [3]	Design - approach		Kilometerpoint 86.3 km = 53.5 mi	
1	Truss - Thru [10]	0	Other [00]	Year built 1904	Year reconstructed 1995
				Skew angle 30	Structure Flared
				Historical significance	Bridge is not eligible for the NRHP. [5]
Total length	34.4 m = 112.9 ft	Length of maximum span	33.5 m = 109.9 ft	Deck width, out-to-out	4.9 m = 16.1 ft
				Bridge roadway width, curb-to-curb	4.6 m = 15.1 ft
Inventory Route, Total Horizontal Clearance	4.6 m = 15.1 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	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	Load Factor(LF) [1]	Inventory rating	10 metric ton = 11.0 tons
0.6 km = 0.4 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	17.2 metric ton = 18.9 tons
	Bridge posting		Design Load	M 13.5 / H 15 [2]

### Functional Details

Average Daily Traffic	42	Average daily truck traffi	9	%	Year	2009	Future average daily traffic	65	Year	2031
Road classification	Local (Rural) [09]		Lanes on structure	1		Approach roadway width	3.7 m = 12.1 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	4 m = 13.1 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]		
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	0	Roadway improvement cost	0
	Length of structure improvement	34 m = 111.6 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	Basically intolerable requiring high priority of replacement [2]
Condition ratings - superstructure	Critical [2]	Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]		
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 minimum criteria [6]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	21.6
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	March 2009 [0309]	Designated inspection frequency	12 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Unknown [Y00]	Other special inspection date	