

# 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]		Cumberland County [041]		South Middleton [72336]	3N MT.HOLL SPRNG/S.MDDL TN		40-08-48 = 40.146667	077-10-21 = - 77.172500
14097	Highway agency district	8	Owner	County Highway Agency [02]		Maintenance responsibility	County Highway Agency [02]	
Route	0		CRAIGHEAD BR. T520	Toll	On free road [3]	Features intersected	YELLOW BREECHES CREEK	
Design - main	Aluminum, Wrought Iron or Cast Iron [9]	Design - approach		Kilometerpoint	0 km = 0.0 mi			
	1		Truss - Thru [10]	0	Other [00]	Year built	1899	Year reconstructed
				Skew angle	0	Structure Flared		
				Historical significance	Bridge is eligible for the NRHP. [2]			
Total length	40.8 m = 133.9 ft	Length of maximum span	40.2 m = 131.9 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								
Deck protection								
Type of membrane/wearing surface								

## Weight Limits

Bypass, detour length	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	2.7 metric ton = 3.0 tons
0.6 km = 0.4 mi	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	10.9 metric ton = 12.0 tons
Bridge posting		Design Load		

### Functional Details

Average Daily Traffic	746	Average daily truck traffi	1	%	Year	2011	Future average daily traffic	993	Year	2032
Road classification	Local (Rural) [09]		Lanes on structure	1		Approach roadway width	6.1 m = 20.0 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	5 m = 16.4 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	49 m = 160.8 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	Serious [3]	Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Serious [3]		
Scour	Bridge foundations determined to be stable for assessed or calculated scour conditions; field review indicates action is required. [4]		
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	8.1
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends			
Inspection date	October 2011 [1011]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Unknown [Y06]	Fracture critical inspection date	September 2004 [0904]
Other special inspection	Unknown [Y06]	Other special inspection date	October 2010 [1010]