

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.
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Basic Information

Pennsylvania [42]		Columbia County [037]		Beaver [04704]	1.3 MI S OF SHUMANS		40-56-04.56 = 40.934600	076-18-19.44 = -76.305400
12760	Highway agency district: 3		Owner	County Highway Agency [02]		Maintenance responsibility	County Highway Agency [02]	
Route 0	T-367 CTY BR # 48		Toll	On free road [3]		Features intersected	CATAWISSA CREEK	
Design - main	Steel [3]		Design - approach			Kilometerpoint	0 km = 0.0 mi	
1	Truss - Thru [10]		0	Other [00]		Year built	1905	Year reconstructed 1998
						Skew angle	0	Structure Flared
						Historical significance	Bridge is eligible for the NRHP. [2]	
Total length	43.9 m = 144.0 ft		Length of maximum span	42.7 m = 140.1 ft		Deck width, out-to-out	4.3 m = 14.1 ft	
Inventory Route, Total Horizontal Clearance	4 m = 13.1 ft		Curb or sidewalk width - left	0 m = 0.0 ft		Curb or sidewalk width - right	0 m = 0.0 ft	
Deck structure type	Wood or Timber [8]							
Type of wearing surface								
Deck protection								
Type of membrane/wearing surface								

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	15.4 metric ton = 16.9 tons
15.9 km = 9.9 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	26.3 metric ton = 28.9 tons
	Bridge posting		Design Load	

Functional Details

Average Daily Traffic	10	Average daily truck traffi	0	%	Year	2018	Future average daily traffic	15	Year	2040
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	0 m = 0.0 ft			Minimum vertical clearance over bridge roadway	3.73 m = 12.2 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]								
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost	16000	Roadway improvement cost	50000						
	Length of structure improvement	44 m = 144.4 ft		Total project cost	218000					
	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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Poor [4]	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 corrective action [3]
Condition ratings - deck	Good [7]		
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 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	Better than present minimum criteria [7]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	26.7
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 2017 [0417]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	April 2018 [0418]
Other special inspection	Every year [Y12]	Other special inspection date	April 2018 [0418]