

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]		Lycoming County [081]		Brown [09280]		1 MI N OF SLATE RUN		41-29-09.60 = 41.486000		077-29-48.91 = -77.496919	
24759		Highway agency district: 3		Owner State Highway Agency [01]		Maintenance responsibility		State Highway Agency [01]			
Route 414		SR 414		Toll On free road [3]		Features intersected OVER PINE CR.					
Design - main Steel [3]		Design - approach		Kilometerpoint 2446.4 km = 1516.8 mi		Year built 1890		Year reconstructed 2002			
1 Truss - Thru [10]		0 Other [00]		Skew angle 0		Structure Flared					
Historical significance Bridge is eligible for the NRHP. [2]											
Total length 63.1 m = 207.0 ft		Length of maximum span 61.9 m = 203.1 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 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 10.9 km = 6.8 mi		Method to determine inventory rating		Load Factor(LF) [1]		Inventory rating 44.5 metric ton = 49.0 tons	
		Method to determine operating rating		Load Factor(LF) [1]		Operating rating 72.6 metric ton = 79.9 tons	
Bridge posting		Equal to or above legal loads [5]		Design Load M 13.5 / H 15 [2]			

Functional Details

Average Daily Traffic	219	Average daily truck traffi	10	%	Year	2012	Future average daily traffic	275	Year	2032
Road classification	Major Collector (Rural) [07]			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	0 m = 0.0 ft				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 owner's forces [2]								
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost	0	Roadway improvement cost	0						
	Length of structure improvement	63 m = 206.7 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	Open, no restriction [A]	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 replacement [2]
Condition ratings - deck	Satisfactory [6]		
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	Superior to present desirable criteria [9]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	47.3
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	Inspected feature meets currently acceptable standards. [1]		
Inspection date	April 2013 [0413]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	April 2013 [0413]
Other special inspection	Every year [Y12]	Other special inspection date	April 2013 [0413]