

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]		McIntyre [46208]	1.5 MILES N OF RALSTON		41-31-12.95 = 41.520264	076-57-14.93 = -76.954147
24507	Highway agency district: 3		Owner	State Highway Agency [01]		Maintenance responsibility	State Highway Agency [01]	
Route	14	PA 14	Toll	On free road [3]		Features intersected	LYCOMING CREEK	
Design - main	Steel [3]		Design - approach			Kilometerpoint	1984.8 km = 1230.6 mi	
	1	Truss - Thru [10]		0	Other [00]	Year built	1930	Year reconstructed
				Skew angle	45	Structure Flared		
				Historical significance	Bridge is eligible for the NRHP. [2]			
Total length	42.7 m = 140.1 ft		Length of maximum span	40.5 m = 132.9 ft		Deck width, out-to-out	7.6 m = 24.9 ft	
Inventory Route, Total Horizontal Clearance	7.3 m = 24.0 ft		Curb or sidewalk width - left	0 m = 0.0 ft		Curb or sidewalk width - right	0 m = 0.0 ft	
Deck structure type	Concrete Cast-in-Place [1]							
Type of wearing surface	Monolithic Concrete (concurrently placed with structural deck) [1]							
Deck protection	Epoxy Coated Reinforcing [1]							
Type of membrane/wearing surface								

**Weight Limits**

Bypass, detour length	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	20 metric ton = 22.0 tons
8.9 km = 5.5 mi	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	40.8 metric ton = 44.9 tons
Bridge posting	Equal to or above legal loads [5]		Design Load	HL93 [A]

### Functional Details

Average Daily Traffic	3302	Average daily truck traffi	18	%	Year	2018	Future average daily traffic	5583	Year	2032
Road classification	Minor Arterial (Rural) [06]		Lanes on structure	2		Approach roadway width	9.8 m = 32.2 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	0 m = 0.0 ft			Minimum vertical clearance over bridge roadway	5.13 m = 16.8 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	43 m = 141.1 ft		Total project cost	208000					
	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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Good [7]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
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 minimum criteria [6]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	40.8
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - transitions	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends			
Inspection date	April 2018 [0418]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	April 2018 [0418]
Other special inspection	Not needed [N]	Other special inspection date	

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**Basic Information**

Pennsylvania [42]		Lycoming County [081]		McIntyre [46208]		1.5 MILES N OF RALSTON		41-31-12.10 = 41.520028		076-57-14.25 = -76.953958	
24507		Highway agency district: 3		Owner State Highway Agency [01]		Maintenance responsibility		State Highway Agency [01]			
Route 14		SR 14		Toll On free road [3]		Features intersected OVER LYCOMING CREEK					
Design - main Steel [3]		Design - approach		Kilometerpoint 1984.8 km = 1230.6 mi		Year built 1930		Year reconstructed 1994			
1 Truss - Thru [10]		0 Other [00]		Skew angle 45		Structure Flared					
				Historical significance Bridge is not eligible for the NRHP. [5]							
Total length 42.7 m = 140.1 ft		Length of maximum span 40.5 m = 132.9 ft		Deck width, out-to-out 7.6 m = 24.9 ft		Bridge roadway width, curb-to-curb 7.3 m = 24.0 ft					
Inventory Route, Total Horizontal Clearance 7.3 m = 24.0 ft		Curb or sidewalk width - left 0 m = 0.0 ft		Curb or sidewalk width - right 0 m = 0.0 ft							
Deck structure type		Concrete Cast-in-Place [1]									
Type of wearing surface		Monolithic Concrete (concurrently placed with structural deck) [1]									
Deck protection		Epoxy Coated Reinforcing [1]									
Type of membrane/wearing surface											

**Weight Limits**

Bypass, detour length 8.9 km = 5.5 mi		Method to determine inventory rating		Load Factor(LF) [1]		Inventory rating 37 metric ton = 40.7 tons	
		Method to determine operating rating		Load Factor(LF) [1]		Operating rating 58 metric ton = 63.8 tons	
Bridge posting		Equal to or above legal loads [5]		Design Load		MS 18+Mod / HS 20+Mod [6]	

### Functional Details

Average Daily Traffic	3611	Average daily truck traffi	18	%	Year	2013	Future average daily traffic	3349	Year	2032
Road classification	Minor Arterial (Rural) [06]		Lanes on structure	2		Approach roadway width	9.8 m = 32.2 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	0 m = 0.0 ft			Minimum vertical clearance over bridge roadway	5.13 m = 16.8 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	43 m = 141.1 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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Good [7]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
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 minimum criteria [6]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	48.5
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - transitions	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends			
Inspection date	April 2012 [0412]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	July 2008 [0708]
Other special inspection	Not needed [N]	Other special inspection date	