

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] Armstrong County [005] Hovey [35936] FOXBURG 41-08-22 = 41.139444 079-40-54 = - 79.681667

30058002001400 Highway agency district 10 Owner State Highway Agency [01] Maintenance responsibility State Highway Agency [01]

Route 58 LR251,SR0058 Toll On free road [3] Features intersected ALLEGHENY RIVER

Design - main Steel [3] Design - approach Kilometerpoint 0 km = 0.0 mi

3 Truss - Thru [10] 0 Other [00] Year built 1921 Year reconstructed 1958

Skew angle 0 Structure Flared

Historical significance Bridge is not eligible for the NRHP. [5]

Total length 164 m = 538.1 ft Length of maximum span 53 m = 173.9 ft Deck width, out-to-out 4.6 m = 15.1 ft Bridge roadway width, curb-to-curb 4.3 m = 14.1 ft

Inventory Route, Total Horizontal Clearance 4.2 m = 13.8 ft Curb or sidewalk width - left 0.2 m = 0.7 ft Curb or sidewalk width - right 1.2 m = 3.9 ft

Deck structure type Open Grating [3]

Type of wearing surface Not applicable (applies only to structures with no deck) [N]

Deck protection Not applicable (applies only to structures with no deck) [N]

Type of membrane/wearing surface Not applicable (applies only to structures with no deck) [N]

Weight Limits

Bypass, detour length 2.1 km = 1.3 mi Method to determine inventory rating Load Factor(LF) [1] Inventory rating 24.3 metric ton = 26.7 tons

Method to determine operating rating Load Factor(LF) [1] Operating rating 41.4 metric ton = 45.5 tons

Bridge posting Equal to or above legal loads [5] Design Load M 18 / H 20 [4]

Functional Details

Average Daily Traffic	1824	Average daily truck traffi	5	%	Year	2003	Future average daily traffic	2950	Year	2021
Road classification	Major Collector (Rural) [07]	Lanes on structure	2	Approach roadway width	4.6 m = 15.1 ft					
Type of service on bridge	Highway-pedestrian [5]	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	4.41 m = 14.5 ft					
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]									
Minimum lateral underclearance on right	99.9 = Unlimited				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	2588000	Roadway improvement cost	1113000						
	Length of structure improvement	304.8 m = 1000.0 ft		Total project cost	5102000					
	Year of improvement cost estimate	2002								
	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 corrective action [3]
Condition ratings - superstructure	Serious [3]	Appraisal ratings - roadway alignment	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - substructure	Serious [3]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Serious [3]		
Scour	Scour calculation/evaluation has not been made. [6]		
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 desirable criteria [8]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	9.5
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions			
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends	Inspected feature meets currently acceptable standards. [1]		
Inspection date	October 2002 [1002]	Designated inspection frequency	12 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	August 2002 [0802]
Other special inspection	Every year [Y12]	Other special inspection date	October 2002 [1002]