

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]		Northumberland County [097]		Ralpho [63328]		E. OF ELYSBURG		40-51-28.92 = 40.858033		076-29-59.85 = -76.499958	
29352		Highway agency district: 3		Owner County Highway Agency [02]		Maintenance responsibility		County Highway Agency [02]			
Route 0		T-802		Toll On free road [3]		Features intersected S BR OF ROARING CREEK					
Design - main Steel [3]		Design - approach		Kilometerpoint 0 km = 0.0 mi		Year built 1870		Year reconstructed 1983			
1 Truss - Thru [10]		0 Other [00]		Skew angle 0		Structure Flared		Historical significance Bridge is not eligible for the NRHP. [5]			
Total length 23.2 m = 76.1 ft		Length of maximum span 22.3 m = 73.2 ft		Deck width, out-to-out 4.8 m = 15.7 ft		Bridge roadway width, curb-to-curb 4.5 m = 14.8 ft					
Inventory Route, Total Horizontal Clearance 4.5 m = 14.8 ft		Curb or sidewalk width - left 0.7 m = 2.3 ft		Curb or sidewalk width - right 0.7 m = 2.3 ft							
Deck structure type		Wood or Timber [8]									
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 0.6 km = 0.4 mi		Method to determine inventory rating Allowable Stress(AS) [2]		Inventory rating 32.7 metric ton = 36.0 tons	
		Method to determine operating rating Allowable Stress(AS) [2]		Operating rating 43.5 metric ton = 47.9 tons	
Bridge posting		Equal to or above legal loads [5]		Design Load	

Functional Details

Average Daily Traffic	75	Average daily truck traffi	0	%	Year	2018	Future average daily traffic	116	Year	2040
Road classification	Minor Collector (Rural) [08]		Lanes on structure	1		Approach roadway width	4.3 m = 14.1 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	3.71 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]								
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	37000	Roadway improvement cost	108000						
	Length of structure improvement	23 m = 75.5 ft		Total project cost	495000					
	Year of improvement cost estimate									
	Border bridge - state				Border bridge - percent responsibility of other state					
	Border bridge - structure number									

Inspection and Sufficiency

Structure status	Bridge closed to all traffic [K]	Appraisal ratings - structural	
Condition ratings - superstructure		Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	
Condition ratings - deck	Serious [3]		
Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]		
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	16.8
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	November 2016 [1116]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	