

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] Elk County [047] Spring Creek [72928] 7900FT S OF SR 3002 INTER 41-23-30 = 41.391667 078-52-48 = - 78.880000
 247210031400100 Highway agency district 2 Owner County Highway Agency [02] Maintenance responsibility County Highway Agency [02]
 Route 0 T-314 Toll On free road [3] Features intersected CLARION RIVER
 Design - main Aluminum, Wrought Iron or Cast Iron [9] Design - approach Steel [3] Kilometerpoint 0 km = 0.0 mi
 2 Truss - Thru [10] 1 Truss - Thru [10] Year built 1901 Year reconstructed N/A [0000]
 Skew angle 0 Structure Flared
 Historical significance Historical significance is not determinable at this time. [4]
 Total length 85.6 m = 280.9 ft Length of maximum span 33.8 m = 110.9 ft Deck width, out-to-out 4.3 m = 14.1 ft Bridge roadway width, curb-to-curb 3.7 m = 12.1 ft
 Inventory Route, Total Horizontal Clearance 3.7 m = 12.1 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 Wood or Timber [7]
 Deck protection
 Type of membrane/wearing surface

Weight Limits

Bypass, detour length 3.9 km = 2.4 mi Method to determine inventory rating Load Factor(LF) [1] Inventory rating 2.7 metric ton = 3.0 tons
 Method to determine operating rating Load Factor(LF) [1] Operating rating 5.4 metric ton = 5.9 tons
 Bridge posting Design Load

Functional Details

Average Daily Traffic	42	Average daily truck traffi	0	%	Year	1985	Future average daily traffic	47	Year	2023
Road classification	Local (Rural) [09]		Lanes on structure	1		Approach roadway width	6.1 m = 20.0 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	4.26 m = 14.0 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	1402000	Roadway improvement cost	762000						
	Length of structure improvement	267.9 m = 879.0 ft		Total project cost	3494000					
	Year of improvement cost estimate	1996								
	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 replacement [2]
Condition ratings - superstructure	Serious [3]	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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Poor [4]		
Scour	Scour calculation/evaluation has not been made. [6]		
Channel and channel protection	Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]		
Appraisal ratings - water adequacy	Superior to present desirable criteria [9]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	17.4
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	February 2003 [0203]	Designated inspection frequency	12 Months
Underwater inspection	Every year [Y12]	Underwater inspection date	February 2003 [0203]
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	April 2002 [0402]
Other special inspection	Not needed [N]	Other special inspection date	