

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] Luzerne County [079] Nanticoke [52584] AT US 11 INTERSECTION 41-13-00 = 41.216667 076-00-12 = - 76.003333
 407302020400020 Highway agency district 4 Owner County Highway Agency [02] Maintenance responsibility County Highway Agency [02]
 Route 0 BROADWAY ST Toll On free road [3] Features intersected SUSQ RIVER/NANTICOKE CRK
 Design - main Steel [3] Design - approach Prestressed concrete [5] Kilometerpoint 0 km = 0.0 mi
 3 Truss - Thru [10] 21 Box Beam or girders - Single or Spread [06] Year built 1914 Year reconstructed 1987
 Skew angle 0 Structure Flared
 Historical significance Bridge is not eligible for the NRHP. [5]
 Total length 585.8 m = 1922.0 ft Length of maximum span 91.4 m = 299.9 ft Deck width, out-to-out 6.7 m = 22.0 ft Bridge roadway width, curb-to-curb 6.4 m = 21.0 ft
 Inventory Route, Total Horizontal Clearance 6.4 m = 21.0 ft Curb or sidewalk width - left 1.4 m = 4.6 ft Curb or sidewalk width - right 0.2 m = 0.7 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 0.5 km = 0.3 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 44.5 metric ton = 49.0 tons
 Bridge posting Equal to or above legal loads [5] Design Load

Functional Details

Average Daily Traffic	9300	Average daily truck traffi	5	%	Year	2008	Future average daily traffic	11160	Year	2028
Road classification	Local (Rural) [09]		Lanes on structure	2		Approach roadway width	6.4 m = 21.0 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	5 m = 16.4 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	588 m = 1929.2 ft		Total project cost	1000					
	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	Equal to present minimum criteria [6]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge is scour critical; bridge foundations determined to be unstable. [3]		
Channel and channel protection	Bank and embankment protection is severely undermined. River control devices have severe damage. Large deposits of debris are in the channel. [4]		
Appraisal ratings - water adequacy	Superior to present desirable criteria [9]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	49.3
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			
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	August 2008 [0808]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	August 2006 [0806]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	August 2008 [0808]
Other special inspection	Every two years [Y24]	Other special inspection date	October 2009 [1009]