

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] Clearfield County [033] Greenwood [31376] BELLS LANDING 40-54-38 = 40.910556 078-38-48 = - 78.646667
 173005035006670 Highway agency district 2 Owner State Highway Agency [01] Maintenance responsibility State Highway Agency [01]

Route 0 SR 3005 Toll On free road [3] Features intersected W BR SUSQUEHANNA RIVER

Design - main Steel [3] Design - approach Other [00] Kilometerpoint 0 km = 0.0 mi
 1 Truss - Thru [10] 0 Other [00] Year built 1892 Year reconstructed N/A [0000]

Skew angle 0 Structure Flared
 Historical significance Bridge is possibly eligible for the NRHP. [3]

Total length 60 m = 196.9 ft Length of maximum span 59.1 m = 193.9 ft Deck width, out-to-out 4.6 m = 15.1 ft Bridge roadway width, curb-to-curb 4.2 m = 13.8 ft

Inventory Route, Total Horizontal Clearance 4.2 m = 13.8 ft Curb or sidewalk width - left 0.1 m = 0.3 ft Curb or sidewalk width - right 0.1 m = 0.3 ft

Deck structure type Open Grating [3]

Type of wearing surface
 Deck protection
 Type of membrane/wearing surface

Weight Limits

Bypass, detour length 2.4 km = 1.5 mi Method to determine inventory rating Allowable Stress(AS) [2] Inventory rating 9.9 metric ton = 10.9 tons
 Method to determine operating rating Allowable Stress(AS) [2] Operating rating 17.1 metric ton = 18.8 tons
 Bridge posting Design Load M 13.5 / H 15 [2]

Functional Details

Average Daily Traffic	314	Average daily truck traffi	9 %	Year	2003	Future average daily traffic	404	Year	2020
Road classification	Local (Rural) [09]	Lanes on structure	1	Approach roadway width	4.6 m = 15.1 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	4.13 m = 13.6 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	512000	Roadway improvement cost	250000			
	Length of structure improvement	212.4 m = 696.9 ft		Total project cost	1050000		
	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	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	Satisfactory [6]		
Scour	Bridge foundations determined to be stable for assessed or calculated scour conditions; field review indicates action is required. [4]		
Channel and channel protection	Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8]		
Appraisal ratings - water adequacy	Better than present minimum criteria [7]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	1
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	March 2003 [0303]	Designated inspection frequency	12 Months
Underwater inspection	Every two years [Y24]	Underwater inspection date	March 2003 [0303]
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	March 2002 [0302]
Other special inspection	Not needed [N]	Other special inspection date	

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Basic Information

Pennsylvania [42] Clearfield County [033] Greenwood [31376] BELLS LANDING 40-54-38 = 40.910556 078-38-48 = - 78.646667
 173005035203060 Highway agency district 2 Owner State Highway Agency [01] Maintenance responsibility State Highway Agency [01]
 Route 0 SR 3005 Toll On free road [3] Features intersected W BR SUSQUEHANNA RIVER
 Design - main Prestressed concrete continuous [6] Design - approach Other [00] Kilometerpoint 2626.4 km = 1628.4 mi
 4 Stringer/Multi-beam or girder [02] 0 Other [00] Year built 2009 Year reconstructed N/A [0000]
 Skew angle 51 Structure Flared
 Historical significance Bridge is not eligible for the NRHP. [5]
 Total length 113.7 m = 373.0 ft Length of maximum span 29 m = 95.1 ft Deck width, out-to-out 10.8 m = 35.4 ft Bridge roadway width, curb-to-curb 9.8 m = 32.2 ft
 Inventory Route, Total Horizontal Clearance 0 m = 0.0 ft Curb or sidewalk width - left 0.2 m = 0.7 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 2.4 km = 1.5 mi Method to determine inventory rating Load and Resistance Factor(LRFR) [3] Inventory rating 38.1 metric ton = 41.9 tons
 Method to determine operating rating Load and Resistance Factor(LRFR) [3] Operating rating 68 metric ton = 74.8 tons
 Bridge posting Equal to or above legal loads [5] Design Load M 13.5 / H 15 [2]

Functional Details

Average Daily Traffic Average daily truck traffi % Year Future average daily traffic Year

Road classification Lanes on structure Approach roadway width

Type of service on bridge Direction of traffic Bridge median

Parallel structure designation

Type of service under bridge Lanes under structure Navigation control

Navigation vertical clearanc Navigation horizontal clearance

Minimum navigation vertical clearance, vertical lift bridge Minimum vertical clearance over bridge roadway

Minimum lateral underclearance reference feature

Minimum lateral underclearance on right Minimum lateral underclearance on left

Minimum Vertical Underclearance Minimum vertical underclearance reference feature

Appraisal ratings - underclearances

Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost Roadway improvement cost

Length of structure improvement Total project cost

Year of improvement cost estimate

Border bridge - state Border bridge - percent responsibility of other state

Border bridge - structure number

Inspection and Sufficiency

Structure status	<input type="text" value="Open, no restriction [A]"/>	Appraisal ratings - structural	<input type="text" value="Equal to present desirable criteria [8]"/>
Condition ratings - superstructure	<input type="text" value="Very Good [8]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Equal to present minimum criteria [6]"/>
Condition ratings - substructure	<input type="text" value="Very Good [8]"/>	Appraisal ratings - deck geometry	<input type="text" value="Better than present minimum criteria [7]"/>
Condition ratings - deck	<input type="text" value="Very Good [8]"/>		
Scour	<input type="text" value="Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]"/>		
Channel and channel protection	<input type="text" value="Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8]"/>		
Appraisal ratings - water adequacy	<input type="text" value="Equal to present minimum criteria [6]"/>	Status evaluation	<input type="text"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="99.6"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - transitions	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail ends	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Inspection date	<input type="text" value="June 2009 [0609]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Not needed [N]"/>	Underwater inspection date	<input type="text"/>
Fracture critical inspection	<input type="text" value="Not needed [N]"/>	Fracture critical inspection date	<input type="text"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>