

HistoricBridges.org - National Bridge Inventory Data Sheet

2019 Inventory

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]		Northumberland County [097]		Sunbury [75304]		CITY OF SUNBURY		40-51-32.97 = 40.859158		076-46-32.53 = -76.775703	
29007		Highway agency district: 3		Owner State Highway Agency [01]		Maintenance responsibility		State Highway Agency [01]			
Route 61		SR 61		Toll On free road [3]		Features intersected SHAMOKIN CREEK					
Design - main		Steel [3]		Design - approach		Kilometerpoint 3912 km = 2425.4 mi					
1		Truss - Thru [10]		0		Other [00]		Year built 1933		Year reconstructed 2013	
								Skew angle 0		Structure Flared	
								Historical significance Bridge is not eligible for the NRHP. [5]			
Total length		48.2 m = 158.1 ft		Length of maximum span		46.9 m = 153.9 ft		Deck width, out-to-out		10.6 m = 34.8 ft	
								Bridge roadway width, curb-to-curb		10.1 m = 33.1 ft	
Inventory Route, Total Horizontal Clearance		9.8 m = 32.2 ft		Curb or sidewalk width - left		1.7 m = 5.6 ft		Curb or sidewalk width - right		1.7 m = 5.6 ft	
Deck structure type		Concrete Cast-in-Place [1]									
Type of wearing surface		Epoxy Overlay [5]									
Deck protection		Epoxy Coated Reinforcing [1]									
Type of membrane/wearing surface											

Weight Limits

Bypass, detour length		Method to determine inventory rating		Allowable Stress(AS) [2]		Inventory rating		18.1 metric ton = 19.9 tons	
15.9 km = 9.9 mi		Method to determine operating rating		Allowable Stress(AS) [2]		Operating rating		54.4 metric ton = 59.8 tons	
Bridge posting		Equal to or above legal loads [5]		Design Load					

Functional Details

Average Daily Traffic	10645	Average daily truck traffi	4	%	Year	2018	Future average daily traffic	15274	Year	2032
Road classification	Other Principal Arterial (Urban) [14]		Lanes on structure	2		Approach roadway width	9.1 m = 29.9 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	4.32 m = 14.2 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 owner's forces [2]		
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost	13000	Roadway improvement cost	50000
	Length of structure improvement	48 m = 157.5 ft	Total project cost	171000
	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	Good [7]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Good [7]		
Scour	Bridge foundations determined to be stable for assessed or calculated scour conditions; field review indicates action is required. [4]		
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	
Pier or abutment protection		Sufficiency rating	51.4
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	Inspected feature meets currently acceptable standards. [1]		
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	June 2017 [0617]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	June 2017 [0617]
Other special inspection	Not needed [N]	Other special inspection date	