

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]		Schuylkill County [107]		Pine Grove [60464]		1 MI.EAST OF PINE GROVE		40-33-53.83 = 40.564953		076-22-05.45 = -76.368181	
30685		Highway agency district: 5		Owner State Highway Agency [01]		Maintenance responsibility		State Highway Agency [01]			
Route 443		PA443(LR 140)		Toll On free road [3]		Features intersected SO. BR. SWATARA CREEK					
Design - main Concrete [1]		Design - approach		Kilometerpoint 1225.4 km = 759.7 mi		Year built 1920		Year reconstructed 1956			
3 Arch - Deck [11]		0 Other [00]		Skew angle 0		Structure Flared		Historical significance Bridge is not eligible for the NRHP. [5]			
Total length 31.4 m = 103.0 ft		Length of maximum span 29.9 m = 98.1 ft		Deck width, out-to-out 8.8 m = 28.9 ft		Bridge roadway width, curb-to-curb 8.1 m = 26.6 ft					
Inventory Route, Total Horizontal Clearance 8.1 m = 26.6 ft		Curb or sidewalk width - left 0 m = 0.0 ft		Curb or sidewalk width - right 0 m = 0.0 ft							
Deck structure type		Not applicable [N]									
Type of wearing surface		Bituminous [6]									
Deck protection											
Type of membrane/wearing surface											

**Weight Limits**

Bypass, detour length 1.9 km = 1.2 mi		Method to determine inventory rating		Load Factor(LF) [1]		Inventory rating 27.2 metric ton = 29.9 tons	
		Method to determine operating rating		Load Factor(LF) [1]		Operating rating 46.3 metric ton = 50.9 tons	
Bridge posting		Equal to or above legal loads [5]		Design Load		MS 18 / HS 20 [5]	

### Functional Details

Average Daily Traffic	4467	Average daily truck traffi	17	%	Year	2017	Future average daily traffic	6030	Year	2032
Road classification	Minor Arterial (Rural) [06]		Lanes on structure	2		Approach roadway width	8.5 m = 27.9 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	99.99 m = 328.1 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	92000	Roadway improvement cost	271000						
	Length of structure improvement	38 m = 124.7 ft		Total project cost	1243000					
	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="Meets minimum tolerable limits to be left in place as is [4]"/>
Condition ratings - superstructure	<input type="text" value="Poor [4]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Equal to present desirable criteria [8]"/>
Condition ratings - substructure	<input type="text" value="Fair [5]"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of corrective action [3]"/>
Condition ratings - deck	<input type="text" value="Satisfactory [6]"/>		
Scour	<input type="text" value="Bridge is scour critical; bridge foundations determined to be unstable. [3]"/>		
Channel and channel protection	<input type="text" value="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	<input type="text" value="Equal to present desirable criteria [8]"/>	Status evaluation	<input type="text" value="Structurally deficient [1]"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="40.5"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text"/>		
Traffic safety features - transitions	<input type="text"/>		
Traffic safety features - approach guardrail	<input type="text"/>		
Traffic safety features - approach guardrail ends	<input type="text"/>		
Inspection date	<input type="text" value="May 2017 [0517]"/>	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"/>