

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]		Schuylkill County [107]		East Brunswick [20880]		VILLAGE OF HECLA		40-42-06.97 = 40.701936		075-59-35.93 = -75.993314	
30797		Highway agency district: 5		Owner State Highway Agency [01]		Maintenance responsibility		State Highway Agency [01]			
Route 0		SR 2022(LR 53016)		Toll On free road [3]		Features intersected LITTLE SCHUYLKILL RIVER					
Design - main Concrete [1]		Design - approach		Kilometerpoint 0 km = 0.0 mi		Year built 1927		Year reconstructed N/A [0000]			
2 Arch - Deck [11]		0 Other [00]		Skew angle 0		Structure Flared		Historical significance Bridge is not eligible for the NRHP. [5]			
Total length 34.1 m = 111.9 ft		Length of maximum span 16.2 m = 53.2 ft		Deck width, out-to-out 8.2 m = 26.9 ft		Bridge roadway width, curb-to-curb 7.3 m = 24.0 ft					
Inventory Route, Total Horizontal Clearance 7.3 m = 24.0 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 0.5 km = 0.3 mi		Method to determine inventory rating Allowable Stress(AS) [2]		Inventory rating 39.9 metric ton = 43.9 tons	
		Method to determine operating rating Allowable Stress(AS) [2]		Operating rating 58.1 metric ton = 63.9 tons	
Bridge posting		Equal to or above legal loads [5]		Design Load MS 18 / HS 20 [5]	

### Functional Details

Average Daily Traffic	229	Average daily truck traffi	5 %	Year	2017	Future average daily traffic	271	Year	2032
Road classification	Local (Rural) [09]	Lanes on structure	2	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	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 owner's forces [2]							
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost	17000	Roadway improvement cost	49000					
	Length of structure improvement	43 m = 141.1 ft		Total project cost	225000				
	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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - deck	Not Applicable [N]		

Scour	Bridge foundations determined to be stable for assessed or calculated scour conditions; field review indicates action is required. [4]
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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]
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Appraisal ratings - water adequacy	Equal to present desirable criteria [8]	Status evaluation	
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Pier or abutment protection		Sufficiency rating	80.4
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Culverts	Not applicable. Used if structure is not a culvert. [N]
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Traffic safety features - railings	
Traffic safety features - transitions	
Traffic safety features - approach guardrail	
Traffic safety features - approach guardrail ends	

Inspection date	August 2017 [0817]	Designated inspection frequency	24	Months
Underwater inspection	Not needed [N]	Underwater inspection date		
Fracture critical inspection	Not needed [N]	Fracture critical inspection date		
Other special inspection	Not needed [N]	Other special inspection date		