

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]		Dauphin County [043]		Londonderry [44464]		LONDONDERRY TOWNSHIP		40-12-22.10 = 40.206139		076-41-35.91 = -76.693308	
14618		Highway agency district: 8		Owner State Toll Authority [31]		Maintenance responsibility		State Toll Authority [31]			
Route 0		SR 2005, LR 22015		Toll On free road [3]		Features intersected PA TPK (I-76)					
Design - main Steel [3]		Design - approach		Kilometerpoint 82.1 km = 50.9 mi		Year built 1950		Year reconstructed N/A [0000]			
1 Girder and floorbeam system [03]		0 Other [00]		Skew angle 32		Structure Flared		Historical significance Bridge is not eligible for the NRHP. [5]			
Total length 31.1 m = 102.0 ft		Length of maximum span 29.6 m = 97.1 ft		Deck width, out-to-out 10.4 m = 34.1 ft		Bridge roadway width, curb-to-curb 9.1 m = 29.9 ft					
Inventory Route, Total Horizontal Clearance 9.1 m = 29.9 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											
Type of membrane/wearing surface											

Weight Limits

Bypass, detour length 0.3 km = 0.2 mi		Method to determine inventory rating		Load Factor(LF) [1]		Inventory rating 37.2 metric ton = 40.9 tons	
		Method to determine operating rating		Load Factor(LF) [1]		Operating rating 62.6 metric ton = 68.9 tons	
Bridge posting		Equal to or above legal loads [5]		Design Load		MS 18 / HS 20 [5]	

Functional Details

Average Daily Traffic	640	Average daily truck traffi	6	%	Year	2017	Future average daily traffic	1145	Year	2030
Road classification	Minor Collector (Rural) [08]		Lanes on structure	2		Approach roadway width	9.8 m = 32.2 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	Highway, with or without ped		Lanes under structure	4		Navigation control	Not applicable, no waterway. [N]			
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	Highway beneath structure [H]									
Minimum lateral underclearance on right	3 m = 9.8 ft				Minimum lateral underclearance on left	3.4 m = 11.2 ft				
Minimum Vertical Underclearance	5.09 m = 16.7 ft		Minimum vertical underclearance reference feature	Highway beneath structure [H]						
Appraisal ratings - underclearances	Meets minimum tolerable limits to be left in place as is [4]									

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	10000	Roadway improvement cost	28000						
	Length of structure improvement	39 m = 128.0 ft		Total project cost	129000					
	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	Equal to present minimum criteria [6]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Better than present minimum criteria [7]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Equal to present minimum criteria [6]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge not over waterway. [N]		
Channel and channel protection	Not applicable. [N]		
Appraisal ratings - water adequacy	N/A [N]	Status evaluation	
Pier or abutment protection		Sufficiency rating	89.9
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 2017 [0317]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	March 2017 [0317]
Other special inspection	Not needed [N]	Other special inspection date	