

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]		Lancaster County [071]		Elizabeth [23008]		ELIZABETH TWP		40-13-57.65 = 40.232681		076-19-30.68 = -76.325189	
21768		Highway agency district: 8		Owner State Toll Authority [31]		Maintenance responsibility		State Toll Authority [31]			
Route 322		LR137,US 322		Toll On free road [3]		Features intersected PA TPK (I-76)					
Design - main Steel [3]		Design - approach		Kilometerpoint 435.5 km = 270.0 mi		Year built 1949		Year reconstructed N/A [0000]			
1		Girder and floorbeam system [03]		0		Other [00]		Skew angle 56		Structure Flared	
						Historical significance Bridge is not eligible for the NRHP. [5]					
Total length 46.6 m = 152.9 ft		Length of maximum span 44.2 m = 145.0 ft		Deck width, out-to-out 13.7 m = 44.9 ft		Bridge roadway width, curb-to-curb 11.6 m = 38.1 ft					
Inventory Route, Total Horizontal Clearance 11.6 m = 38.1 ft		Curb or sidewalk width - left 0 m = 0.0 ft		Curb or sidewalk width - right 0 m = 0.0 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 0.2 km = 0.1 mi		Method to determine inventory rating		Load Factor(LF) [1]		Inventory rating 29 metric ton = 31.9 tons	
		Method to determine operating rating		Load Factor(LF) [1]		Operating rating 48.1 metric ton = 52.9 tons	
Bridge posting		Equal to or above legal loads [5]		Design Load		HL93 [A]	

Functional Details

Average Daily Traffic	7014	Average daily truck traffi	10	%	Year	2018	Future average daily traffic	8742	Year	2030
Road classification	Principal Arterial - Other (Rural) [02]		Lanes on structure	2	Approach roadway width	11.6 m = 38.1 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	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	2.7 m = 8.9 ft				Minimum lateral underclearance on left	1.2 m = 3.9 ft				
Minimum Vertical Underclearance	4.38 m = 14.4 ft			Minimum vertical underclearance reference feature	Highway beneath structure [H]					
Appraisal ratings - underclearances	Basically intolerable requiring high priority of replacement [2]									

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	83000	Roadway improvement cost	243000						
	Length of structure improvement	54.9 m = 180.1 ft		Total project cost	1115000					
	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	Satisfactory [6]		
Scour	Bridge not over waterway. [N]		
Channel and channel protection	Not applicable. [N]		
Appraisal ratings - water adequacy	N/A [N]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	79.1
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
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	April 2017 [0417]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	April 2017 [0417]
Other special inspection	Not needed [N]	Other special inspection date	