

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]	N BRICKERVILLE		40-14-06.50 = 40.235139	076-18-01.98 = -76.300550	
21769	Highway agency district: 8		Owner	State Toll Authority [31]		Maintenance responsibility	State Toll Authority [31]		
Route	501	PA 501,LR A7069		Toll	On free road [3]		Features intersected PA TPK (I-76)		
Design - main	Concrete [1]		Design - approach			Kilometerpoint	0 km = 0.0 mi		
	1	Frame [07]		0	Other [00]	Year built	1949	Year reconstructed	N/A [0000]
				Skew angle	12	Structure Flared			
				Historical significance	Bridge is not eligible for the NRHP. [5]				
Total length	26.8 m = 87.9 ft		Length of maximum span	23.8 m = 78.1 ft		Deck width, out-to-out	12.6 m = 41.3 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	0.2 m = 0.7 ft		Curb or sidewalk width - right	0.2 m = 0.7 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	Method to determine inventory rating		Inventory rating	42.6 metric ton = 46.9 tons
0.8 km = 0.5 mi	Method to determine operating rating		Operating rating	70.8 metric ton = 77.9 tons
Bridge posting	Equal to or above legal loads [5]		Design Load	MS 18 / HS 20 [5]

Functional Details

Average Daily Traffic	14111	Average daily truck traffi	11	%	Year	1993	Future average daily traffic	16092	Year	2030
Road classification	Minor Arterial (Rural) [06]		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	3 m = 9.8 ft				Minimum lateral underclearance on left	1.2 m = 3.9 ft				
Minimum Vertical Underclearance	4.85 m = 15.9 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

Bridge improvement cost 0 Roadway improvement cost 0

Length of structure improvement 34 m = 111.6 ft Total project cost 0

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	Equal to present desirable criteria [8]
Condition ratings - substructure	Satisfactory [6]	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	
Pier or abutment protection		Sufficiency rating	89.5
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	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	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	