

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]		Chester County [029]		Elverson [23440]		NEAR ELVERSON		40-08-56.33 = 40.148981		075-50-10.42 = -75.836228	
10729		Highway agency district: 6		Owner State Toll Authority [31]		Maintenance responsibility		State Toll Authority [31]			
Route 82		LR 328,SR 0082		Toll On free road [3]		Features intersected PA TPK (I-76)					
Design - main Steel [3]		Design - approach		Kilometerpoint 4112.2 km = 2549.6 mi		Year built 1950		Year reconstructed N/A [0000]			
1 Stringer/Multi-beam or girder [02]		0 Other [00]		Skew angle 22		Structure Flared		Historical significance Bridge is not eligible for the NRHP. [5]			
Total length 28 m = 91.9 ft		Length of maximum span 26.8 m = 87.9 ft		Deck width, out-to-out 11 m = 36.1 ft		Bridge roadway width, curb-to-curb 9.9 m = 32.5 ft					
Inventory Route, Total Horizontal Clearance 9.9 m = 32.5 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 0.8 km = 0.5 mi		Method to determine inventory rating Load and Resistance Factor(LRFR) [3]		Inventory rating 52.6 metric ton = 57.9 tons	
		Method to determine operating rating Load and Resistance Factor(LRFR) [3]		Operating rating 68 metric ton = 74.8 tons	
Bridge posting Equal to or above legal loads [5]		Design Load MS 18 / HS 20 [5]			

Functional Details

Average Daily Traffic Average daily truck traffi % Year Future average daily traffic Year

Road classification Lanes on structure Approach roadway width

Type of service on bridge Direction of traffic Bridge median

Parallel structure designation

Type of service under bridge Lanes under structure Navigation control

Navigation vertical clearanc Navigation horizontal clearance

Minimum navigation vertical clearance, vertical lift bridge Minimum vertical clearance over bridge roadway

Minimum lateral underclearance reference feature

Minimum lateral underclearance on right Minimum lateral underclearance on left

Minimum Vertical Underclearance Minimum vertical underclearance reference feature

Appraisal ratings - underclearances

Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost Roadway improvement cost

Length of structure improvement Total project cost

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	Satisfactory [6]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
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	80.7
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions			
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends			
Inspection date	May 2017 [0517]	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	