HistoricBridges.org - National Bridge Inventory Data Sheet

2019 Inventory

The National Bridge Inventory contains data submitted by state transportion departments to the Federal Highway Administration in coded format.
Form Interface Design: www.historicbridges.org. Data Conversion Assistance By www.bridgehunter.com. None of the involved parties make any guarantee of accuracy.

Basic Information

Pennsylvania [42]	Bedford County [009]	West Providence [83920]	E.OF EARLSTON	39-59-33.81 = 39.992725	078-19-25.52 = -78.323756

4447 | Highway agency district: 9 | Owner: State Toll Authority [31] | Maintenance responsibility: State Toll Authority [31]

Route: 0 | | SR 1006 (LR 05113) | Toll: On free road [3] | Features intersected: PA TPK (I-76)

Design - main	Concrete [1]	Design - approach	
1	Frame [07]	0	Other [00]

Kilometerpoint: 542.5 km = 336.4 mi

Year built: 1939 | Year reconstructed: N/A [0000]

Skew angle: 0 | Structure Flared:

Historical significance: Bridge is not eligible for the NRHP. [5]

Total length: 26.5 m = 86.9 ft | Length of maximum span: 23.8 m = 78.1 ft | Deck width, out-to-out: 7 m = 23.0 ft | Bridge roadway width, curb-to-curb: 6.1 m = 20.0 ft

Inventory Route, Total Horizontal Clearance: 6.1 m = 20.0 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: 1 km = 0.6 mi

Method to determine inventory rating: Load Factor(LF) [1] | Inventory rating: 28.1 metric ton = 30.9 tons

Method to determine operating rating: Load Factor(LF) [1] | Operating rating: 47.2 metric ton = 51.9 tons

Bridge posting: Equal to or above legal loads [5] | Design Load: MS 18 / HS 20 [5]

Functional Details

Average Daily Traffic	169	Average daily truck traffi	5 %	Year	2018	Future average daily traffic	245
Year	2030						
Road classification	Local (Rural) [09]	Lanes on structure	2	Approach roadway width	8.5 m = 27.9 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	2.8 m = 9.2 ft	Minimum lateral underclearance on left	1.2 m = 3.9 ft				
Minimum Vertical Underclearance	7.46 m = 24.5 ft	Minimum vertical underclearance reference feature	Highway beneath structure [H]				
Appraisal ratings - underclearances	Basically intolerable requiring high priority of corrrective action [3]						

Repair and Replacement Plans

Type of work to be performed

Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]

Work done by	Work to be done by owner's forces [2]		
Bridge improvement cost	6000	Roadway improvement cost	16000
Length of structure improvement	34 m = 111.6 ft	Total project cost	75000
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	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Fair [5]	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	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	64
Culverts	Not applicable. Used if structure is not a culvert. [N]		

Traffic safety features - railings	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - transitions	
Traffic safety features - approach guardrail	
Traffic safety features - approach guardrail ends	Inpected feature meets currently acceptable standards. [1]

Inspection date	September 2018 [0918]	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	