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]	Berks County [011]	Wyomissing [86880]	RUTH'S BRIDGE	40-18-57.23 = 40.315897	075-58-06.95 = -75.968597

5511 | Highway agency district: 5 | Owner: County Highway Agency [02] | Maintenance responsibility: County Highway Agency [02]

Route: 0 | | OLD WYOMISSING RD. | Toll: On free road [3] | Features intersected: WYOMISSING CREEK

Design - main	Concrete [1]	Design - approach		Kilometerpoint	0 km = 0.0 mi
1	Arch - Deck [11]	0	Other [00]	Year built: 1910	Year reconstructed: 1963
				Skew angle: 12	Structure Flared:
				Historical significance	Bridge is not eligible for the NRHP. [5]

Total length: 19.8 m = 65.0 ft | Length of maximum span: 19.8 m = 65.0 ft | Deck width, out-to-out: 6.8 m = 22.3 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 m = 0.0 ft | Curb or sidewalk width - right: 0 m = 0.0 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: 0.2 km = 0.1 mi

Method to determine inventory rating:

Method to determine operating rating:

Bridge posting: Equal to or above legal loads [5]

Inventory rating: 36.3 metric ton = 39.9 tons

Operating rating: 61.7 metric ton = 67.9 tons

Design Load:

Functional Details

Average Daily Traffic	215	Average daily truck traffi	0 %	Year	2017	Future average daily traffic	286
Year	2033						
Road classification	Local (Urban) [19]	Lanes on structure	2	Approach roadway width	4.6 m = 15.1 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	Waterway [5]	Lanes under structure	0	Navigation control			
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	Feature not a highway or railroad [N]						
Minimum lateral underclearance on right	0 = N/A	Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	0 = N/A	Minimum vertical underclearance reference feature	Feature not a highway or railroad [N]				
Appraisal ratings - underclearances	N/A [N]						

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 contract [1]		
Bridge improvement cost	12000	Roadway improvement cost	34000
Length of structure improvement	27 m = 88.6 ft	Total project cost	156000
Year of improvement cost estimate			
Border bridge - state		Border bridge - percent responsibility of other state	
Border bridge - structure number			

Inspection and Sufficiency

Structure status	Posted for load [P]	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	Not Applicable [N]		
Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]		
Channel and channel protection	Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel. [5]		
Appraisal ratings - water adequacy	Equal to present minimum criteria [6]	Status evaluation	
Pier or abutment protection		Sufficiency rating	70.5
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			
Inspection date	June 2018 [0618]	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	Every year [Y12]	Other special inspection date	June 2018 [0618]