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]	Lancaster County [071]	Brecknock [08352]	BRECKNOCK TWP	40-10-38.96 = 40.177489	075-59-14.32 = -75.987311

21805 | Highway agency district: 8 | Owner: State Toll Authority [31] | Maintenance responsibility: State Toll Authority [31]

Route: 0 | T-967 | Toll: On free road [3] | Features intersected: PA TPK (I-76)

Design - main: 1 Concrete [1] Frame [07]

Design - approach: 0 Other [00]

Kilometerpoint: 0 km = 0.0 mi

Year built: 1949 | Year reconstructed:

Skew angle: 0 | 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: 7.1 m = 23.3 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: 0.2 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: Monolithic Concrete (concurrently placed with structural deck) [1]

Deck protection:

Type of membrane/wearing surface:

Weight Limits

Bypass, detour length: 0.5 km = 0.3 mi

Method to determine inventory rating:

Method to determine operating rating:

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

Inventory rating: 28.1 metric ton = 30.9 tons

Operating rating: 47.2 metric ton = 51.9 tons

Design Load: MS 18 / HS 20 [5]

Functional Details

Average Daily Traffic: 200
Average daily truck traffi: 8 %
Year: 1992
Future average daily traffic: 315
Year: 2030

Road classification: Local (Rural) [09]
Lanes on structure: 2
Approach roadway width: 6.7 m = 22.0 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: 5.21 m = 17.1 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

Bridge deck rehabilitation with only incidental widening. [36]

Work done by: Work to be done by contract [1]

Bridge improvement cost: 10000
Roadway improvement cost: 29000

Length of structure improvement: 34 m = 111.6 ft
Total project cost: 133000

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	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]
Pier or abutment protection	
Culverts	Not applicable. Used if structure is not a culvert. [N]

Status evaluation			
Sufficiency rating	76.5		

Traffic safety features - railings	
Traffic safety features - transitions	
Traffic safety features - approach guardrail	
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		