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]	Fulton County [057]	Dublin [20112]	FORT LITTLETON INTERCHGE	40-03-06.00 = 40.051667	077-57-18.00 = -77.955000

17968 | Highway agency district: 9 | Owner: State Toll Authority [31] | Maintenance responsibility: State Toll Authority [31]

Route: 76 | | TURNPIKE RAMP | Toll: On toll road [2] | Features intersected: PA TPK (I-76)

Design - main	Steel [3]	Design - approach		Kilometerpoint	0 km = 0.0 mi
1	Girder and floorbeam system [03]	0	Other [00]	Year built	1939
				Year reconstructed	1990
				Skew angle	7
				Structure Flared	
				Historical significance	Bridge is not eligible for the NRHP. [5]

Total length: 37.8 m = 124.0 ft | Length of maximum span: 32.9 m = 107.9 ft | Deck width, out-to-out: 12.5 m = 41.0 ft | Bridge roadway width, curb-to-curb: 5.2 m = 17.1 ft

Inventory Route, Total Horizontal Clearance: 5.2 m = 17.1 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: Concrete Cast-in-Place [1]

Type of wearing surface: Latex Concrete or similar additive [3]

Deck protection: Epoxy Coated Reinforcing [1]

Type of membrane/wearing surface:

Weight Limits

Bypass, detour length: 5 km = 3.1 mi

Method to determine inventory rating: Load Factor(LF) [1] | Inventory rating: 29.9 metric ton = 32.9 tons

Method to determine operating rating: Load Factor(LF) [1] | Operating rating: 50.8 metric ton = 55.9 tons

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

Functional Details

Average Daily Traffic	13591	Average daily truck traffi	26 %	Year	1993	Future average daily traffic	15871	Year	2030

Road classification	Principal Arterial - Interstate (Urban) [11]	Lanes on structure	2	Approach roadway width	5.8 m = 19.0 ft
Type of service on bridge	Highway [1]	Direction of traffic	2 - way traffic [2]	Bridge median	Closed median with non-mountable barr
Parallel structure designation	No parallel structure exists. [N]				
Type of service under bridge	Highway, with or without ped	Lanes under structure	5	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	4.34 m = 14.2 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 contract [1]		
Bridge improvement cost	76000	Roadway improvement cost	223000
Length of structure improvement	47 m = 154.2 ft	Total project cost	1023000
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 minimum criteria [6]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
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	59.7
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	November 2018 [1118]	Designated inspection frequency	24	Months

Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	November 2018 [1118]
Other special inspection	Not needed [N]	Other special inspection date	