

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]		Bucks County [017]		Morrisville [51144]	1BLK.DELAWARE RIV. 39C03		40-13-05.17 = 40.218103	074-46-48.46 = -74.780128
7220	Highway agency district: 6		Owner	State Highway Agency [01]	Maintenance responsibility	County Highway Agency [02]		
Route 0	EAST TRENTON AVE.		Toll	On free road [3]	Features intersected	PENNSYLVANIA CANAL		
Design - main	Concrete [1]	Design - approach		Kilometerpoint	353.9 km = 219.4 mi			
1	Frame [07]	0	Other [00]	Year built	1938	Year reconstructed	N/A [0000]	
				Skew angle	0	Structure Flared		
				Historical significance	Bridge is not eligible for the NRHP. [5]			
Total length	21.3 m = 69.9 ft		Length of maximum span	18.3 m = 60.0 ft		Deck width, out-to-out	15.8 m = 51.8 ft	
Inventory Route, Total Horizontal Clearance	12.2 m = 40.0 ft		Curb or sidewalk width - left	1.5 m = 4.9 ft		Curb or sidewalk width - right	1.6 m = 5.2 ft	
Deck structure type	Concrete Cast-in-Place [1]							
Type of wearing surface	Bituminous [6]							
Deck protection								
Type of membrane/wearing surface								

Weight Limits

Bypass, detour length	Method to determine inventory rating		Inventory rating	37.2 metric ton = 40.9 tons	
0.3 km = 0.2 mi	Method to determine operating rating		Operating rating	62.6 metric ton = 68.9 tons	
Bridge posting	Equal to or above legal loads [5]		Design Load	M 18 / H 20 [4]	

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	Better than present minimum criteria [7]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - deck	Fair [5]		

Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]
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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]
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Appraisal ratings - water adequacy	Superior to present desirable criteria [9]	Status evaluation	
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Pier or abutment protection		Sufficiency rating	81.9
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Culverts	Not applicable. Used if structure is not a culvert. [N]
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Traffic safety features - railings	
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Traffic safety features - transitions	
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Traffic safety features - approach guardrail	
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Traffic safety features - approach guardrail ends	
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Inspection date	July 2018 [0718]	Designated inspection frequency	24	Months
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Underwater inspection	Not needed [N]	Underwater inspection date	
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Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
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Other special inspection	Not needed [N]	Other special inspection date	
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