

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]	MORRISVILLE BORO. 39D04	40-12-36.00 = 40.210000	074-46-06.00 = -74.768333
7688	Highway agency district:	6	Owner	Local Toll Authority [32]	Maintenance responsibility	Private (other than railroad) [26]	
Route	1	US 1(ALT.)(LR 281	Toll	On free road [3]	Features intersected	DELAWARE Riv & NJ 29 SB	
Design - main	Steel [3]	Design - approach		Kilometerpoint	0 km = 0.0 mi		
	5		Truss - Thru [10]	0	Other [00]	Year built	1928
				Skew angle	0	Structure Flared	
				Historical significance	Bridge is eligible for the NRHP. [2]		
Total length	311.2 m = 1021.0 ft		Length of maximum span	64 m = 210.0 ft		Deck width, out-to-out	13.4 m = 44.0 ft
Inventory Route, Total Horizontal Clearance	6.4 m = 21.0 ft		Curb or sidewalk width - left	2.4 m = 7.9 ft		Curb or sidewalk width - right	0 m = 0.0 ft
Deck structure type	Concrete Cast-in-Place [1]						
Type of wearing surface							
Deck protection							
Type of membrane/wearing surface							

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	45.4 metric ton = 49.9 tons
0.1 km = 0.1 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	75.3 metric ton = 82.8 tons
Bridge posting	Equal to or above legal loads [5]		Design Load	MS 18 / HS 20 [5]

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	Posted for load [P]	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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - deck	Good [7]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8]		
Appraisal ratings - water adequacy	Equal to present desirable criteria [8]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	84.2
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - transitions	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends	Inspected feature meets currently acceptable standards. [1]		
Inspection date	April 2012 [0412]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	September 1995 [0995]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	April 2012 [0412]
Other special inspection	Every year [Y12]	Other special inspection date	April 2013 [0413]