

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]		Wayne County [127]		Manchester [46856]		DELAWARE RIVER BRIDGE #8		41-49-25.26 = 41.823683		075-06-47.16 = -75.113100	
35626		Highway agency district: 4		Owner State Highway Agency [01]		Maintenance responsibility		State Highway Agency [01]			
Route 0		SR 1018		Toll On free road [3]		Features intersected DELAWARE RIVER					
Design - main Steel [3]		Design - approach		Kilometerpoint 0 km = 0.0 mi		Year built 1889		Year reconstructed 2018			
1 Suspension [13]		0 Other [00]		Skew angle 0		Structure Flared		Historical significance Bridge is on the NRHP. [1]			
Total length 117.3 m = 384.9 ft		Length of maximum span 117 m = 383.9 ft		Deck width, out-to-out 4.8 m = 15.7 ft		Bridge roadway width, curb-to-curb 3.4 m = 11.2 ft					
Inventory Route, Total Horizontal Clearance 3.3 m = 10.8 ft		Curb or sidewalk width - left 0 m = 0.0 ft		Curb or sidewalk width - right 0 m = 0.0 ft							
Deck structure type		Open Grating [3]									
Type of wearing surface		Other [9]									
Deck protection											
Type of membrane/wearing surface											

Weight Limits

Bypass, detour length		Method to determine inventory rating		Inventory rating	
0.9 km = 0.6 mi				10 metric ton = 11.0 tons	
		Method to determine operating rating		Operating rating	
				10 metric ton = 11.0 tons	
Bridge posting				Design Load M 18 / H 20 [4]	

Functional Details

Average Daily Traffic	176	Average daily truck traffi	6	%	Year	2009	Future average daily traffic	177	Year	2037
Road classification	Local (Rural) [09]		Lanes on structure	1		Approach roadway width	3.4 m = 11.2 ft			
Type of service on bridge	Highway [1]		Direction of traffic	One lane bridge for 2 - way traffic [3]		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	2.44 m = 8.0 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	Work done by	Work to be done by contract [1]								
Widening of existing bridge with deck rehabilitation or replacement. [34]	Bridge improvement cost	5557000	Roadway improvement cost	3254000						
	Length of structure improvement	125 m = 410.1 ft		Total project cost	8811000					
	Year of improvement cost estimate	2018								
	Border bridge - state	Unknown [362]			Border bridge - percent responsibility of other state	99				
	Border bridge - structure number	1091680								

Inspection and Sufficiency

Structure status	Posted for load [P]	Appraisal ratings - structural	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - superstructure	Very Good [8]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Excellent [9]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]		
Appraisal ratings - water adequacy	Equal to present minimum criteria [6]	Status evaluation	
Pier or abutment protection		Sufficiency rating	40.3
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			
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends			
Inspection date	October 2018 [1018]	Designated inspection frequency	12 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	October 2018 [1018]
Other special inspection	Not needed [N]	Other special inspection date	