

The National Bridge Inventory contains data submitted by state transportation 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]		Pike County [103]		Matamoras [48048]		MATAMORAS BORO @ JCT 1017		41-22-18.00 = 41.371667		074-41-48.00 = -74.696667	
29810		Highway agency district: 4		Owner State Highway Agency [01]		Maintenance responsibility		State Highway Agency [01]			
Route 6		SR 0006 TR 6		Toll On free road [3]		Features intersected DELAWARE RIVER					
Design - main Steel [3]		Design - approach		Kilometerpoint 4910.3 km = 3044.4 mi		Year built 1939		Year reconstructed N/A [0000]			
2		Truss - Thru [10]		0 Other [00]		Skew angle 0		Structure Flared			
						Historical significance Bridge is not eligible for the NRHP. [5]					
Total length 200.9 m = 659.2 ft		Length of maximum span 99.1 m = 325.1 ft		Deck width, out-to-out 14 m = 45.9 ft		Bridge roadway width, curb-to-curb 13.4 m = 44.0 ft					
Inventory Route, Total Horizontal Clearance 13.4 m = 44.0 ft		Curb or sidewalk width - left 1.5 m = 4.9 ft		Curb or sidewalk width - right 1.5 m = 4.9 ft							
Deck structure type		Open Grating [3]									
Type of wearing surface											
Deck protection											
Type of membrane/wearing surface											

Weight Limits

Bypass, detour length 1.8 km = 1.1 mi		Method to determine inventory rating		Load Factor(LF) [1]		Inventory rating 32.7 metric ton = 36.0 tons	
		Method to determine operating rating		Load Factor(LF) [1]		Operating rating 54.4 metric ton = 59.8 tons	
Bridge posting		Equal to or above legal loads [5]		Design Load		MS 18 / HS 20 [5]	

Functional Details

Average Daily Traffic	15571	Average daily truck traffi	3	%	Year	2013	Future average daily traffic	18301	Year	2032
Road classification	Principal Arterial - Other (Rural) [02]		Lanes on structure	2	Approach roadway width	13.4 m = 44.0 ft				
Type of service on bridge	Highway-pedestrian [5]		Direction of traffic	2 - way traffic [2]		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	5 m = 16.4 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]								
Other structural work, including hydraulic replacements. [38]	Bridge improvement cost	0	Roadway improvement cost	1000						
	Length of structure improvement	205 m = 672.6 ft		Total project cost	3000					
	Year of improvement cost estimate	2010								
	Border bridge - state	Unknown [362]			Border bridge - percent responsibility of other state	50				
	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	Equal to present minimum criteria [6]
Condition ratings - deck	Fair [5]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly. [6]		
Appraisal ratings - water adequacy	Superior to present desirable criteria [9]	Status evaluation	
Pier or abutment protection		Sufficiency rating	77.7
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions			
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends			
Inspection date	June 2013 [0613]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [N00]	Underwater inspection date	
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	