

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] Bucks County [017] Riegelsville [64856] RIEGELSVILLE PA 01J12 40-35-36 = 40.593333 075-11-18 = - 75.188333
 097417999100050 Highway agency district 6 Owner Local Toll Authority [32] Maintenance responsibility Private (other than railroad) [26]

Route 611 CONN RTE611&NJCNTY Toll On free road [3] Features intersected DELAWARE RV

Design - main Steel [3] Design - approach Other [00] Kilometerpoint 0 km = 0.0 mi
 3 Suspension [13] 0 Other [00] Year built 1904 Year reconstructed 1984
 Skew angle 0 Structure Flared
 Historical significance Bridge is eligible for the NRHP. [2]

Total length 177.4 m = 582.0 ft Length of maximum span 61 m = 200.1 ft Deck width, out-to-out 5.2 m = 17.1 ft Bridge roadway width, curb-to-curb 4.8 m = 15.7 ft
 Inventory Route, Total Horizontal Clearance 4.9 m = 16.1 ft Curb or sidewalk width - left 1.2 m = 3.9 ft Curb or sidewalk width - right 1.2 m = 3.9 ft

Deck structure type Open Grating [3]
 Type of wearing surface
 Deck protection
 Type of membrane/wearing surface

Weight Limits

Bypass, detour length 2.3 km = 1.4 mi Method to determine inventory rating No rating analysis performed [5] Inventory rating 2.7 metric ton = 3.0 tons
 Method to determine operating rating No rating analysis performed [5] Operating rating 3.6 metric ton = 4.0 tons
 Bridge posting Design Load M 9 / H 10 [1]

Functional Details

Average Daily Traffic	11434	Average daily truck traffi	5	%	Year	1998	Future average daily traffic	15231	Year	2013
Road classification	Other Principal Arterial (Urban) [14]		Lanes on structure	2		Approach roadway width	4.9 m = 16.1 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			Minimum vertical clearance over bridge roadway	4 m = 13.1 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 owner's forces [2]							
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost	0	Roadway improvement cost	0						
	Length of structure improvement	184 m = 603.7 ft		Total project cost	0					
	Year of improvement cost estimate									
	Border bridge - state	Unknown [342]			Border bridge - percent responsibility of other state					
	Border bridge - structure number	0								

Inspection and Sufficiency

Structure status	<input type="text" value="Posted for load [P]"/>	Appraisal ratings - structural	<input type="text" value="Basically intolerable requiring high priority of corrective action [3]"/>
Condition ratings - superstructure	<input type="text" value="Poor [4]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Meets minimum tolerable limits to be left in place as is [4]"/>
Condition ratings - substructure	<input type="text" value="Satisfactory [6]"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of replacement [2]"/>
Condition ratings - deck	<input type="text" value="Good [7]"/>		
Scour	<input type="text" value="Bridge is scour critical; bridge foundations determined to be unstable. [3]"/>		
Channel and channel protection	<input type="text" value="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	<input type="text" value="Equal to present desirable criteria [8]"/>	Status evaluation	<input type="text" value="Structurally deficient [1]"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="3"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text"/>		
Traffic safety features - transitions	<input type="text"/>		
Traffic safety features - approach guardrail	<input type="text"/>		
Traffic safety features - approach guardrail ends	<input type="text"/>		
Inspection date	<input type="text" value="June 2008 [0608]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Unknown [Y48]"/>	Underwater inspection date	<input type="text" value="September 2008 [0908]"/>
Fracture critical inspection	<input type="text" value="Every two years [Y24]"/>	Fracture critical inspection date	<input type="text" value="June 2008 [0608]"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>