

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]	Chester County [029]
Sadsbury [67080]	EAST OF PARKESBURG 27J09
150372016017060	Highway agency district 6
Owner State Highway Agency [01]	Maintenance responsibility State Highway Agency [01]
Route 372	VALLEY ROAD
Toll On free road [3]	Features intersected BUCK RUN
Design - main Concrete continuous [2]	Design - approach
1	Stringer/Multi-beam or girder [02]
0	Other [00]
Kilometerpoint 905.7 km = 561.5 mi	Year built 1914
Year reconstructed N/A [0000]	Skew angle 0
Structure Flared	Historical significance Bridge is eligible for the NRHP. [2]
Total length 9.1 m = 29.9 ft	Length of maximum span 8.8 m = 28.9 ft
Deck width, out-to-out 7 m = 23.0 ft	Bridge roadway width, curb-to-curb 6.2 m = 20.3 ft
Inventory Route, Total Horizontal Clearance 6.2 m = 20.3 ft	Curb or sidewalk width - left 0 m = 0.0 ft
	Curb or sidewalk width - right 0 m = 0.0 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 1.1 km = 0.7 mi	Method to determine inventory rating No rating analysis performed [5]
Inventory rating 22.7 metric ton = 25.0 tons	Method to determine operating rating No rating analysis performed [5]
Operating rating 46.3 metric ton = 50.9 tons	Bridge posting Equal to or above legal loads [5]
Design Load M 13.5 / H 15 [2]	

Functional Details

Average Daily Traffic	<input type="text" value="7849"/>	Average daily truck traffi	<input type="text" value="6"/>	%	Year	<input type="text" value="2010"/>	Future average daily traffic	<input type="text" value="9285"/>	Year	<input type="text" value="2013"/>
Road classification	<input type="text" value="Minor Arterial (Urban) [16]"/>		Lanes on structure	<input type="text" value="2"/>		Approach roadway width	<input type="text" value="5.8 m = 19.0 ft"/>			
Type of service on bridge	<input type="text" value="Highway [1]"/>		Direction of traffic	<input type="text" value="2 - way traffic [2]"/>		Bridge median	<input type="text"/>			
Parallel structure designation	<input type="text" value="No parallel structure exists. [N]"/>									
Type of service under bridge	<input type="text" value="Waterway [5]"/>		Lanes under structure	<input type="text" value="0"/>		Navigation control	<input type="text"/>			
Navigation vertical clearanc	<input type="text" value="0 = N/A"/>		Navigation horizontal clearance	<input type="text" value="0 = N/A"/>						
Minimum navigation vertical clearance, vertical lift bridge	<input type="text"/>					Minimum vertical clearance over bridge roadway	<input type="text" value="10 m = 32.8 ft"/>			
Minimum lateral underclearance reference feature	<input type="text" value="Feature not a highway or railroad [N]"/>									
Minimum lateral underclearance on right	<input type="text" value="0 = N/A"/>					Minimum lateral underclearance on left	<input type="text" value="0 = N/A"/>			
Minimum Vertical Underclearance	<input type="text" value="0 = N/A"/>		Minimum vertical underclearance reference feature	<input type="text" value="Feature not a highway or railroad [N]"/>						
Appraisal ratings - underclearances	<input type="text" value="N/A [N]"/>									

Repair and Replacement Plans

Type of work to be performed	Work done by	<input type="text" value="Work to be done by contract [1]"/>								
<input type="text" value="Other structural work, including hydraulic replacements. [38]"/>	Bridge improvement cost	<input type="text" value="0"/>	Roadway improvement cost	<input type="text" value="0"/>						
	Length of structure improvement	<input type="text" value="16 m = 52.5 ft"/>		Total project cost	<input type="text" value="0"/>					
	Year of improvement cost estimate	<input type="text"/>								
	Border bridge - state	<input type="text"/>			Border bridge - percent responsibility of other state	<input type="text"/>				
	Border bridge - structure number	<input type="text"/>								

Inspection and Sufficiency

Structure status	<input type="text" value="Open, no restriction [A]"/>	Appraisal ratings - structural	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>
Condition ratings - superstructure	<input type="text" value="Fair [5]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Equal to present desirable criteria [8]"/>
Condition ratings - substructure	<input type="text" value="Fair [5]"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of replacement [2]"/>
Condition ratings - deck	<input type="text" value="Fair [5]"/>		
Scour	<input type="text" value="Bridge is scour critical; bridge foundations determined to be unstable. [3]"/>		
Channel and channel protection	<input type="text" value="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	<input type="text" value="Equal to present minimum criteria [6]"/>	Status evaluation	<input type="text" value="Functionally obsolete [2]"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="48.4"/>
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="May 2008 [0508]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Not needed [N]"/>	Underwater inspection date	<input type="text"/>
Fracture critical inspection	<input type="text" value="Not needed [N]"/>	Fracture critical inspection date	<input type="text"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>