

# HistoricBridges.org - National Bridge Inventory Data Sheet

2009 Inventory

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]		Luzerne County [079]		Jenkins [37984]	JENKINS TWP JCT SR 2004		41-18-19 = 41.3	075-49-52 = -75.8
401021001001260		Highway agency district: 4		Owner	State Highway Agency [01]		Maintenance responsibility	State Highway Agency [01]
Route	0	SR 1021 EIGHTH ST		Toll	On free road [3]		Features intersected	
								SUSQUEHANNA RIVER
Design - main	Steel [3]	Design - approach	Steel continuous [4]	Kilometerpoint	0 km = 0.0 mi			
	4		Truss - Thru [10]	9	Stringer/Multi-beam or girder [02]	Year built	#Num!	Year reconstructed
				Skew angle	0	Structure Flared		
				Historical significance	Bridge is not eligible for the NRHP. [5]			
Total length	399.6 m = 1311.1 ft		Length of maximum span	67.1 m = 220.2 ft		Deck width, out-to-out	6.2 m = 20.3 ft	
						Bridge roadway width, curb-to-curb	5.8 m = 19.0 ft	
Inventory Route, Total Horizontal Clearance	5.8 m = 19.0 ft		Curb or sidewalk width - left	1.8 m = 5.9 ft		Curb or sidewalk width - right	0.1 m = 0.3 ft	
Deck structure type	Closed Grating [4]							
Type of wearing surface	Bituminous [6]							
Deck protection								
Type of membrane/wearing surface								

## Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	17.2 metric ton = 18.9 tons
1.3 km = 0.8 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	39 metric ton = 42.9 tons
	Bridge posting	10.0 - 19.9 % below [3]	Design Load	M 13.5 / H 15 [2]

## Functional Details

Average Daily Traffic	8889	Average daily truck traffi	7	%	Year	2008	Future average daily traffic	13220	Year	2026
Road classification	Other Principal Arterial (Urban) [14]		Lanes on structure	2		Approach roadway width	5.8 m = 19.0 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	4.52 m = 14.8 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]		
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	1000	Roadway improvement cost	3000
	Length of structure improvement	499.3 m = 1638.2 ft	Total project cost	13000
	Year of improvement cost estimate	2006		
	Border bridge - state		Border bridge - percent responsibility of other state	
	Border bridge - structure number			

## 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="Serious [3]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Better than present minimum criteria [7]"/>
Condition ratings - substructure	<input type="text" value="Poor [4]"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of replacement [2]"/>
Condition ratings - deck	<input type="text" value="Serious [3]"/>		
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 and embankment protection is severely undermined. River control devices have severe damage. Large deposits of debris are in the channel. [4]"/>		
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="2"/>
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="July 2009 [0709]"/>	Designated inspection frequency	<input type="text" value="6"/> 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"/>