

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]		Cumberland County [041]		North Middleton [55216]	1.2 MI NORTH OF SR 641	40-12-34 = 40.209444	077-13-46 = - 77.229444		
217076990222230		Highway agency district: 8	Owner	State Toll Authority [31]	Maintenance responsibility	State Toll Authority [31]			
Route	0	LR21033,SR4027	Toll	On free road [3]	Features intersected	PA TURNPIKE (I-76);B-532			
Design - main	Concrete [1]	Design - approach		Kilometerpoint	82.4 km = 51.1 mi				
	1		Frame [07]	0	Other [00]	Year built	1939	Year reconstructed	N/A [0000]
				Skew angle	5	Structure Flared			
				Historical significance	Historical significance is not determinable at this time. [4]				
Total length	26.5 m = 86.9 ft		Length of maximum span	23.8 m = 78.1 ft		Deck width, out-to-out	7.5 m = 24.6 ft	Bridge roadway width, curb-to-curb	6.7 m = 22.0 ft
Inventory Route, Total Horizontal Clearance	6.7 m = 22.0 ft		Curb or sidewalk width - left	0.2 m = 0.7 ft		Curb or sidewalk width - right	0.2 m = 0.7 ft		
Deck structure type	Not applicable [N]								
Type of wearing surface	Bituminous [6]								
Deck protection									
Type of membrane/wearing surface									

**Weight Limits**

Bypass, detour length	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	11.8 metric ton = 13.0 tons
0.5 km = 0.3 mi	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	55.3 metric ton = 60.8 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	M 13.5 / H 15 [2]

### Functional Details

Average Daily Traffic	1405	Average daily truck traffi	5	%	Year	2009	Future average daily traffic	700	Year	2012
Road classification	Collector (Urban) [17]		Lanes on structure	2		Approach roadway width	7 m = 23.0 ft			
Type of service on bridge	Highway [1]		Direction of traffic	2 - way traffic [2]		Bridge median				
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Highway, with or without ped		Lanes under structure	4		Navigation control	Not applicable, no waterway. [N]			
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	10 m = 32.8 ft			
Minimum lateral underclearance reference feature	Highway beneath structure [H]									
Minimum lateral underclearance on right	99.9 = Unlimited					Minimum lateral underclearance on left	99.9 = Unlimited			
Minimum Vertical Underclearance	4 m = 13.1 ft		Minimum vertical underclearance reference feature	Highway beneath structure [H]						
Appraisal ratings - underclearances	Basically intolerable requiring high priority of replacement [2]									

### 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	0	Roadway improvement cost	0						
	Length of structure improvement	34 m = 111.6 ft		Total project cost	1000					
	Year of improvement cost estimate									
	Border bridge - state					Border bridge - percent responsibility of other state				
	Border bridge - structure number									

## Inspection and Sufficiency

Structure status	<input type="text" value="Open, no restriction [A]"/>	Appraisal ratings - structural	<input type="text" value="Basically intolerable requiring high priority of replacement [2]"/>
Condition ratings - superstructure	<input type="text" value="Poor [4]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Equal to present desirable criteria [8]"/>
Condition ratings - substructure	<input type="text" value="Good [7]"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of corrective action [3]"/>
Condition ratings - deck	<input type="text" value="Fair [5]"/>		
Scour	<input type="text" value="Bridge not over waterway. [N]"/>		
Channel and channel protection	<input type="text" value="Not applicable. [N]"/>		
Appraisal ratings - water adequacy	<input type="text" value="N/A [N]"/>	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" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail ends	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Inspection date	<input type="text" value="January 2009 [0109]"/>	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"/>