

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.  
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**Basic Information**

Pennsylvania [42]		Blair County [013]		Snyder [71624]		1.25 MI.E.OF TYRONE		40-39-40 = 40.661111		078-12-57 = - 78.215833	
70453005000000		Highway agency district: 9		Owner State Highway Agency [01]		Maintenance responsibility		State Highway Agency [01]			
Route 453		PA 453		Toll On free road [3]		Features intersected SR 1015 & LT.JUNIATA RIV					
Design - main Concrete continuous [2]		Design - approach		Kilometerpoint 288.9 km = 179.1 mi		Year built 1937		Year reconstructed N/A [0000]			
4 Tee beam [04]		0 Other [00]		Skew angle 30		Structure Flared		Historical significance Bridge is eligible for the NRHP. [2]			
Total length 76.2 m = 250.0 ft		Length of maximum span 18.6 m = 61.0 ft		Deck width, out-to-out 12.8 m = 42.0 ft		Bridge roadway width, curb-to-curb 10.5 m = 34.5 ft					
Inventory Route, Total Horizontal Clearance 10.5 m = 34.5 ft		Curb or sidewalk width - left 0.2 m = 0.7 ft		Curb or sidewalk width - right 1.4 m = 4.6 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		Method to determine inventory rating		Load Factor(LF) [1]		Inventory rating		30.8 metric ton = 33.9 tons	
7.1 km = 4.4 mi		Method to determine operating rating		Load Factor(LF) [1]		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	6381	Average daily truck traffi	23	%	Year	2009	Future average daily traffic	7578	Year	2023
Road classification	Minor Arterial (Urban) [16]	Lanes on structure	2		Approach roadway width	9.1 m = 29.9 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	Highway-waterway [6]	Lanes under structure	2		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	99.99 m = 328.1 ft					
Minimum lateral underclearance reference feature	Highway beneath structure [H]									
Minimum lateral underclearance on right	0.9 m = 3.0 ft				Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	4.34 m = 14.2 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	1000							
	Length of structure improvement	93.9 m = 308.1 ft		Total project cost	3000						
	Year of improvement cost estimate										
	Border bridge - state					Border bridge - percent responsibility of other state					
	Border bridge - structure number										

## Inspection and Sufficiency

Structure status	Open, no restriction [A]	Appraisal ratings - structural	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - superstructure	Poor [4]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Serious [3]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Poor [4]		
Scour	Bridge is scour critical; bridge foundations determined to be unstable. [3]		
Channel and channel protection	Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel. [5]		
Appraisal ratings - water adequacy	Superior to present desirable criteria [9]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	31.3
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends	Inspected feature meets currently acceptable standards. [1]		
Inspection date	June 2009 [0609]	Designated inspection frequency	12 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	