

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] Westmoreland County [129] West Newton [83680] WEST NEWTON BRIDGE 40-12-40 = 40.211111 079-46-11 = - 79.769722
 640136005019380 Highway agency district 12 Owner State Highway Agency [01] Maintenance responsibility State Highway Agency [01]
 Route 136 SR 0136 Toll On free road [3] Features intersected YOUGHIOGHENY RIVER
 Design - main Steel [3] Design - approach Other [00] Kilometerpoint 363.2 km = 225.2 mi
 3 Truss - Thru [10] 0 Other [00] Year built 1907 Year reconstructed 1984
 Skew angle 0 Structure Flared
 Historical significance Bridge is not eligible for the NRHP. [5]
 Total length 149.4 m = 490.2 ft Length of maximum span 48.8 m = 160.1 ft Deck width, out-to-out 7 m = 23.0 ft Bridge roadway width, curb-to-curb 7 m = 23.0 ft
 Inventory Route, Total Horizontal Clearance 7 m = 23.0 ft Curb or sidewalk width - left 1.8 m = 5.9 ft Curb or sidewalk width - right 0 m = 0.0 ft
 Deck structure type Concrete Cast-in-Place [1]
 Type of wearing surface Monolithic Concrete (concurrently placed with structural deck) [1]
 Deck protection
 Type of membrane/wearing surface

Weight Limits

Bypass, detour length 1.9 km = 1.2 mi Method to determine inventory rating Load Factor(LF) [1] Inventory rating 24.5 metric ton = 27.0 tons
 Method to determine operating rating Load Factor(LF) [1] Operating rating 64.4 metric ton = 70.8 tons
 Bridge posting Equal to or above legal loads [5] Design Load M 13.5 / H 15 [2]

Functional Details

Average Daily Traffic	6936	Average daily truck traffi	4	%	Year	2010	Future average daily traffic	14218	Year	2013
Road classification	Minor Arterial (Urban) [16]	Lanes on structure	2		Approach roadway width	9.4 m = 30.8 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	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	5 m = 16.4 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	158 m = 518.4 ft		Total project cost	0					
	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="Meets minimum tolerable limits to be left in place as is [4]"/>
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="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 foundations determined to be stable for the assessed or calculated scour condition. [8]"/>		
Channel and channel protection	<input type="text" value="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	<input type="text" value="Superior to present desirable criteria [9]"/>	Status evaluation	<input type="text" value="Structurally deficient [1]"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="30.8"/>
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="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"/>