

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]	Clearfield County [033]
Bradford [08032]	SHAWVILLE
170970011208170	Highway agency district 2
Owner State Highway Agency [01]	Maintenance responsibility State Highway Agency [01]
Route 970	SR 970-PA 970
Toll On free road [3]	Features intersected W BR SUSQUEHANNA RIVER
Design - main Steel [3]	Design - approach
2	Truss - Thru [10]
0	Other [00]
Kilometerpoint 799.5 km = 495.7 mi	Year built 1937
	Year reconstructed 1972
Skew angle 30	Structure Flared
Historical significance	Bridge is not eligible for the NRHP. [5]
Total length 103.6 m = 339.9 ft	Length of maximum span 49.7 m = 163.1 ft
Deck width, out-to-out 6.7 m = 22.0 ft	Bridge roadway width, curb-to-curb 6.1 m = 20.0 ft
Inventory Route, Total Horizontal Clearance 6.1 m = 20.0 ft	Curb or sidewalk width - left 0 m = 0.0 ft
	Curb or sidewalk width - right 1.2 m = 3.9 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 1.8 km = 1.1 mi	Method to determine inventory rating Load Factor(LF) [1]
	Inventory rating 32.7 metric ton = 36.0 tons
	Method to determine operating rating Load Factor(LF) [1]
	Operating rating 54.4 metric ton = 59.8 tons
Bridge posting Equal to or above legal loads [5]	Design Load M 13.5 / H 15 [2]

Functional Details

Average Daily Traffic Average daily truck traffi % Year Future average daily traffic Year

Road classification Lanes on structure Approach roadway width

Type of service on bridge Direction of traffic Bridge median

Parallel structure designation

Type of service under bridge Lanes under structure Navigation control

Navigation vertical clearanc Navigation horizontal clearance

Minimum navigation vertical clearance, vertical lift bridge Minimum vertical clearance over bridge roadway

Minimum lateral underclearance reference feature

Minimum lateral underclearance on right Minimum lateral underclearance on left

Minimum Vertical Underclearance Minimum vertical underclearance reference feature

Appraisal ratings - underclearances

Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost Roadway improvement cost

Length of structure improvement Total project cost

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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Poor [4]	Appraisal ratings - roadway alignment	Better than present minimum criteria [7]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Poor [4]		
Scour	Bridge foundations determined to be stable for assessed or calculated scour conditions; field review indicates action is required. [4]		
Channel and channel protection	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	Superior to present desirable criteria [9]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	45.3
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions			
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends			
Inspection date	April 2009 [0409]	Designated inspection frequency	24 Months
Underwater inspection	Every two years [Y24]	Underwater inspection date	March 2006 [0306]
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	March 2006 [0306]
Other special inspection	Every year [Y12]	Other special inspection date	January 2010 [0110]