

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]		Mercer County [085]		Springfield [73080]		SPRINGFIELD TOWNSHIP		41-09-26 = 41.157222		080-13-34 = - 80.226111	
430019006000000		Highway agency district 1		Owner State Highway Agency [01]		Maintenance responsibility		State Highway Agency [01]			
Route 19		SR 19,IRON BRIDGE		Toll On free road [3]		Features intersected OVER NESHANNOCK CREEK					
Design - main Steel [3]		Design - approach		Kilometerpoint 467.8 km = 290.0 mi		Year built 1928		Year reconstructed 1982			
1 Truss - Thru [10]		0 Other [00]		Skew angle 0		Structure Flared		Historical significance Historical significance is not determinable at this time. [4]			
Total length 40.5 m = 132.9 ft		Length of maximum span 39 m = 128.0 ft		Deck width, out-to-out 7.3 m = 24.0 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 0 m = 0.0 ft		Curb or sidewalk width - right 0 m = 0.0 ft							
Deck structure type		Concrete Cast-in-Place [1]									
Type of wearing surface		Bituminous [6]									
Deck protection											
Type of membrane/wearing surface		Preformed Fabric [2]									

Weight Limits

Bypass, detour length 1.3 km = 0.8 mi		Method to determine inventory rating Load Factor(LF) [1]		Inventory rating 41.7 metric ton = 45.9 tons	
		Method to determine operating rating Load Factor(LF) [1]		Operating rating 65.3 metric ton = 71.8 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	Equal to present desirable criteria [8]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Good [7]		
Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]		
Channel and channel protection	Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]		
Appraisal ratings - water adequacy	Equal to present minimum criteria [6]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	49.5
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	24 Months
Underwater inspection	Every two years [Y24]	Underwater inspection date	June 2009 [0609]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	June 2009 [0609]
Other special inspection	Every year [Y12]	Other special inspection date	June 2009 [0609]