

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]		Berks County [011]		Richmond [64592]		MOSELEM SPRINGS BRIDGE		40-29-59 = 40.499722		075-50-59 = 75.849722	
5441		Highway agency district 5		Owner County Highway Agency [02]		Maintenance responsibility		County Highway Agency [02]			
Route 794		EAGLE ROAD 2687E1		Toll On free road [3]		Features intersected MOSELEM CREEK					
Design - main Steel [3]		Design - approach		Kilometerpoint 0 km = 0.0 mi		Year built 1905		Year reconstructed 1975			
1 Truss - Thru [10]		0 Other [00]		Skew angle 30		Structure Flared		Historical significance Historical significance is not determinable at this time. [4]			
Total length 15.8 m = 51.8 ft		Length of maximum span 15.2 m = 49.9 ft		Deck width, out-to-out 5.5 m = 18.0 ft		Bridge roadway width, curb-to-curb 5.3 m = 17.4 ft					
Inventory Route, Total Horizontal Clearance 5.3 m = 17.4 ft		Curb or sidewalk width - left 0 m = 0.0 ft		Curb or sidewalk width - right 0 m = 0.0 ft							
Deck structure type		Open Grating [3]									
Type of wearing surface											
Deck protection											
Type of membrane/wearing surface											

Weight Limits

Bypass, detour length 0.5 km = 0.3 mi		Method to determine inventory rating		Load Factor(LF) [1]		Inventory rating 9.1 metric ton = 10.0 tons	
		Method to determine operating rating		Load Factor(LF) [1]		Operating rating 14.5 metric ton = 16.0 tons	
Bridge posting				Design Load			

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

Other structural work, including hydraulic replacements. [38]

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	Posted for load [P]	Appraisal ratings - structural	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Satisfactory [6]		
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 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	Superior to present desirable criteria [9]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	18.4
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	July 2011 [0711]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	July 2001 [0701]
Other special inspection	Every year [Y12]	Other special inspection date	July 2010 [0710]