

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]		Lycoming County [081]		Williamsport [85312]		ARCH ST.WMSPT.RIVER BR.		41-13-37 = 41.2		077-02-43 = -77.0	
412064001000000		Highway agency district: 3		Owner State Highway Agency [01]		Maintenance responsibility		State Highway Agency [01]			
Route 0		SR 2064 ARCH ST		Toll On free road [3]		Features intersected W. BR. SUSQUEHANNA RIVER					
Design - main Steel [3]		Design - approach		Kilometerpoint 0 km = 0.0 mi		Year built 1922		Year reconstructed 1985			
7 Truss - Thru [10]		0 Other [00]		Skew angle 0		Structure Flared		Historical significance Bridge is not eligible for the NRHP. [5]			
Total length 428.9 m = 1407.2 ft		Length of maximum span 60.7 m = 199.2 ft		Deck width, out-to-out 6.1 m = 20.0 ft		Bridge roadway width, curb-to-curb 5.8 m = 19.0 ft					
Inventory Route, Total Horizontal Clearance 5.8 m = 19.0 ft		Curb or sidewalk width - left 0 m = 0.0 ft		Curb or sidewalk width - right 2.2 m = 7.2 ft							
Deck structure type		Open Grating [3]									
Type of wearing surface											
Deck protection											
Type of membrane/wearing surface											

Weight Limits

Bypass, detour length		Method to determine inventory rating		Load Factor(LF) [1]		Inventory rating		34.5 metric ton = 38.0 tons	
1.1 km = 0.7 mi		Method to determine operating rating		Load Factor(LF) [1]		Operating rating		49.9 metric ton = 54.9 tons	
Bridge posting		Equal to or above legal loads [5]		Design Load		M 13.5 / H 15 [2]			

Functional Details

Average Daily Traffic	5438	Average daily truck traffi	3	%	Year	2009	Future average daily traffic	8408	Year	2031
Road classification	Minor Arterial (Urban) [16]		Lanes on structure	2		Approach roadway width	6.4 m = 21.0 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	Navigation control on waterway (bridge permit required). [1]			
Navigation vertical clearanc	769.8 m = 2525.7 ft			Navigation horizontal clearance	4137.2 m = 13574.2 ft					
Minimum navigation vertical clearance, vertical lift bridge				Minimum vertical clearance over bridge roadway	3.68 m = 12.1 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 contract [1]								
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	1000	Roadway improvement cost	3000						
	Length of structure improvement	429 m = 1407.5 ft		Total project cost	15000					
	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	Fair [5]	Appraisal ratings - roadway alignment	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - substructure	Poor [4]	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 and embankment protection is severely undermined. River control devices have severe damage. Large deposits of debris are in the channel. [4]		
Appraisal ratings - water adequacy	Superior to present desirable criteria [9]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	40.8
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	January 2009 [0109]	Designated inspection frequency	12 Months
Underwater inspection	Every two years [Y24]	Underwater inspection date	January 2006 [0106]
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	