

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]		Philadelphia County [101]		Philadelphia [60000]		S.POPLAR ST. 27K08		39-58-18 = 39.971667		075-12-30 = - 75.208333	
677301027001250		Highway agency district: 6		Owner City or Municipal Highway Agency [04]		Maintenance responsibility		City or Municipal Highway Agency [04]			
Route 0		42ND STREET		Toll On toll road [2]		Features intersected AMTRAK(PITTSBURGH ML)					
Design - main Concrete [1]		Design - approach Concrete continuous [2]		Kilometerpoint 0 km = 0.0 mi		Year built 1910		Year reconstructed N/A [0000]			
1 Arch - Thru [12]		2 Girder and floorbeam system [03]		Skew angle 0		Structure Flared					
				Historical significance Bridge is not eligible for the NRHP. [5]							
Total length 93.9 m = 308.1 ft		Length of maximum span 79.9 m = 262.2 ft		Deck width, out-to-out 10.8 m = 35.4 ft		Bridge roadway width, curb-to-curb 9.4 m = 30.8 ft					
Inventory Route, Total Horizontal Clearance 10.4 m = 34.1 ft		Curb or sidewalk width - left 2.5 m = 8.2 ft		Curb or sidewalk width - right 2.5 m = 8.2 ft							
Deck structure type		Not applicable [N]									
Type of wearing surface		Bituminous [6]									
Deck protection											
Type of membrane/wearing surface											

Weight Limits

Bypass, detour length 0.3 km = 0.2 mi		Method to determine inventory rating Allowable Stress(AS) [2]		Inventory rating 27.2 metric ton = 29.9 tons	
		Method to determine operating rating Allowable Stress(AS) [2]		Operating rating 49.9 metric ton = 54.9 tons	
Bridge posting		Equal to or above legal loads [5]		Design Load MS 22.5 / HS 25 [9]	

Functional Details

Average Daily Traffic	2900	Average daily truck traffi		%	Year	1978	Future average daily traffic	4060	Year	1998
Road classification	Local (Urban) [19]		Lanes on structure	2	Approach roadway width	10.4 m = 34.1 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	Railroad [2]		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	3 m = 9.8 ft						
Minimum lateral underclearance reference feature	Railroad beneath structure [R]									
Minimum lateral underclearance on right	0 = N/A				Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	5 m = 16.4 ft		Minimum vertical underclearance reference feature	Railroad beneath structure [R]						
Appraisal ratings - underclearances	Basically intolerable requiring high priority of corrective action [3]									

Repair and Replacement Plans

Type of work to be performed	Work done by		Work to be done by contract [1]							
Other structural work, including hydraulic replacements. [38]	Bridge improvement cost	0	Roadway improvement cost	0						
	Length of structure improvement	104 m = 341.2 ft		Total project cost	2000					
	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	Equal to present minimum criteria [6]
Condition ratings - superstructure	Excellent [9]	Appraisal ratings - roadway alignment	Better than present minimum criteria [7]
Condition ratings - substructure	Excellent [9]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - deck	Excellent [9]		
Scour	Bridge not over waterway. [N]		
Channel and channel protection	Not applicable. [N]		
Appraisal ratings - water adequacy	N/A [N]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	63.5
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - transitions			
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends			
Inspection date	April 2008 [0408]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	