

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]		Allegheny County [003]		Pittsburgh [61000]		301115 28 ST BR PGH & PAT		40-27-18 = 40.455000	079-58-24 = - 79.973333	
027301000031150		Highway agency district 11		Owner City or Municipal Highway Agency [04]		Maintenance responsibility		City or Municipal Highway Agency [04]		
Route 0	TWENTY EIGHTH ST		Toll On free road [3]		Features intersected N-S RR /PAT/SASSAFRAS ST					
Design - main	Steel [3]		Design - approach	Steel [3]		Kilometerpoint 0 km = 0.0 mi				
1	Truss - Thru [10]		4	Stringer/Multi-beam or girder [02]		Year built 1931	Year reconstructed 1974			
						Skew angle 0	Structure Flared			
						Historical significance Historical significance is not determinable at this time. [4]				
Total length	96 m = 315.0 ft		Length of maximum span	64 m = 210.0 ft		Deck width, out-to-out	7.5 m = 24.6 ft		Bridge roadway width, curb-to-curb	6.7 m = 22.0 ft
Inventory Route, Total Horizontal Clearance	6.7 m = 22.0 ft		Curb or sidewalk width - left	1.5 m = 4.9 ft		Curb or sidewalk width - right		1.5 m = 4.9 ft		
Deck structure type	Concrete Cast-in-Place [1]									
Type of wearing surface	Bituminous [6]									
Deck protection										
Type of membrane/wearing surface										

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	32.7 metric ton = 36.0 tons	
0.5 km = 0.3 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	55.3 metric ton = 60.8 tons	
Bridge posting	Equal to or above legal loads [5]		Design Load	M 13.5 / H 15 [2]	

Functional Details

Average Daily Traffic	6500	Average daily truck traffi	5	%	Year	2004	Future average daily traffic	7150	Year	2019
Road classification	Local (Urban) [19]		Lanes on structure	2		Approach roadway width	6.7 m = 22.0 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	Highway-railroad [4]		Lanes under structure	8		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	4 m = 13.1 ft			
Minimum lateral underclearance reference feature	Highway beneath structure [H]									
Minimum lateral underclearance on right	1.5 m = 4.9 ft					Minimum lateral underclearance on left	0 = N/A			
Minimum Vertical Underclearance	5 m = 16.4 ft		Minimum vertical underclearance reference feature	Highway beneath structure [H]						
Appraisal ratings - underclearances	Meets minimum tolerable limits to be left in place as is [4]									

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	94 m = 308.4 ft		Total project cost	1000					
	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	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	Satisfactory [6]		
Scour	Bridge not over waterway. [N]		
Channel and channel protection	Not applicable. [N]		
Appraisal ratings - water adequacy	N/A [N]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	45.2
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	October 2008 [1008]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	November 2002 [1102]
Other special inspection	Not needed [N]	Other special inspection date	