

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.
 Form Interface Design: www.historicbridges.org. Data Conversion Assistance By www.bridgehunter.com. None of the involved parties make any guarantee of accuracy.

Basic Information

Pennsylvania [42]		Allegheny County [003]		Pittsburgh [61000]		301102 BTCENTRE&ELLSWORTH		40-27-22.67 = 40.456297		079-56-00.59 = -79.933497	
2453		Highway agency district: 11		Owner City or Municipal Highway Agency [04]		Maintenance responsibility		City or Municipal Highway Agency [04]			
Route 0		SOUTH NEGLEY AV		Toll On free road [3]		Features intersected N-S RR & PAT EBUSWAY					
Design - main Steel [3]		Design - approach		Kilometerpoint 0 km = 0.0 mi		Year built 1924		Year reconstructed 1973			
1 Truss - Thru [10]		0 Other [00]		Skew angle 17		Structure Flared					
				Historical significance		Bridge is not eligible for the NRHP. [5]					
Total length 32.3 m = 106.0 ft		Length of maximum span 31.7 m = 104.0 ft		Deck width, out-to-out 15.2 m = 49.9 ft		Bridge roadway width, curb-to-curb 9.1 m = 29.9 ft					
Inventory Route, Total Horizontal Clearance 9.1 m = 29.9 ft		Curb or sidewalk width - left 2.2 m = 7.2 ft		Curb or sidewalk width - right 2.2 m = 7.2 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 0.3 km = 0.2 mi		Method to determine inventory rating		Load Factor(LF) [1]		Inventory rating 34.5 metric ton = 38.0 tons	
		Method to determine operating rating		Load Factor(LF) [1]		Operating rating 58.1 metric ton = 63.9 tons	
Bridge posting		Equal to or above legal loads [5]		Design Load		MS 18 / HS 20 [5]	

Functional Details

Average Daily Traffic	15000	Average daily truck traffi	5	%	Year	2005	Future average daily traffic	16500	Year	2030
Road classification	Minor Arterial (Urban) [16]		Lanes on structure	2		Approach roadway width	15.2 m = 49.9 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	2		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	0 m = 0.0 ft			Minimum vertical clearance over bridge roadway	99.99 m = 328.1 ft					
Minimum lateral underclearance reference feature	Highway beneath structure [H]									
Minimum lateral underclearance on right	99.9 = Unlimited				Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	4.27 m = 14.0 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 owner's forces [2]								
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost	25000	Roadway improvement cost	73000						
	Length of structure improvement	32 m = 105.0 ft		Total project cost	335000					
	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 corrective action [3]
Condition ratings - deck	Fair [5]		
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	44.9
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	November 2017 [1117]	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 2017 [1117]
Other special inspection	Every year [Y12]	Other special inspection date	November 2017 [1117]