

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] AL05 16TH ST BRIDGE 40-27-12 = 40.453333 079-59-30 = - 79.991667  
 027301000020150 Highway agency district 11 Owner County Highway Agency [02] Maintenance responsibility County Highway Agency [02]  
 Route 0 SIXTEENTHSTREET BR Toll On free road [3] Features intersected SMALLMAN ST, ALLEG. RIV.  
 Design - main Steel [3] Design - approach Steel [3] Kilometerpoint 0 km = 0.0 mi  
 3 Arch - Thru [12] 30 Stringer/Multi-beam or girder [02] Year built 1922 Year reconstructed 2003  
 Skew angle 0 Structure Flared  
 Historical significance Bridge is on the NRHP. [1]  
 Total length 579.1 m = 1900.0 ft Length of maximum span 133.2 m = 437.0 ft Deck width, out-to-out 18.2 m = 59.7 ft Bridge roadway width, curb-to-curb 11.6 m = 38.1 ft  
 Inventory Route, Total Horizontal Clearance 11.6 m = 38.1 ft Curb or sidewalk width - left 1.9 m = 6.2 ft Curb or sidewalk width - right 1.9 m = 6.2 ft  
 Deck structure type Closed Grating [4]  
 Type of wearing surface Monolithic Concrete (concurrently placed with structural deck) [1]  
 Deck protection Epoxy Coated Reinforcing [1]  
 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 37.2 metric ton = 40.9 tons  
 Method to determine operating rating Load Factor(LF) [1] Operating rating 61.7 metric ton = 67.9 tons  
 Bridge posting Equal to or above legal loads [5] Design Load M 13.5 / H 15 [2]

### 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

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	Open, no restriction [A]	Appraisal ratings - structural	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Satisfactory [6]	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 condition. [5]		
Channel and channel protection	Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly. [6]		
Appraisal ratings - water adequacy	Superior to present desirable criteria [9]	Status evaluation	
Pier or abutment protection	None present but re-evaluation suggested [5]	Sufficiency rating	57.6
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	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends			
Inspection date	March 2008 [0308]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y48]	Underwater inspection date	August 2008 [0808]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	March 2008 [0308]
Other special inspection	Not needed [N]	Other special inspection date	