HistoricBridges.org - National Bridge Inventory Data Sheet

2010 Inventory

The National Bridge Inventory contains data submitted by state transportion 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]	301047 OV WASHINGTON BLVD	40-28-00 = 40.466667	079-54-30 = -79.908333

027301000030470	Highway agency district 11	Owner: City or Municipal Highway Agency [04]	Maintenance responsibility: City or Municipal Highway Agency [04]		
Route: 0		LARIMER AV	Toll: On free road [3]	Features intersected: WASHINGTON BLVD (RT 8)	

Design - main: Concrete [1]	1	Arch - Deck [11]	Design - approach: Concrete [1]	7	Slab [01]

Kilometerpoint: 0 km = 0.0 mi
Year built: 1912 Year reconstructed: N/A [0000]
Skew angle: 0 Structure Flared:
Historical significance: Bridge is not eligible for the NRHP. [5]

Total length: 167 m = 547.9 ft	Length of maximum span: 91.4 m = 299.9 ft	Deck width, out-to-out: 14 m = 45.9 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: 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: Other [9]

Weight Limits

Bypass, detour length: 0.3 km = 0.2 mi	Method to determine inventory rating: Allowable Stress(AS) [2]	Inventory rating: 42.6 metric ton = 46.9 tons			
	Method to determine operating rating: Allowable Stress(AS) [2]	Operating rating: 99.9 metric ton = 109.9 tons			
	Bridge posting: Equal to or above legal loads [5]	Design Load: MS 18 / HS 20 [5]			

Functional Details

Average Daily Traffic	8000	Average daily truck traffi	5 %	Year	2009	Future average daily traffic	8800
Year	2029						
Road classification	Local (Urban) [19]	Lanes on structure	2	Approach roadway width	9.1 m = 29.9 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, with or without ped	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	10 m = 32.8 ft				
Minimum lateral underclearance reference feature	Highway beneath structure [H]						
Minimum lateral underclearance on right	32.8 m = 107.6 ft	Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	21 m = 68.9 ft	Minimum vertical underclearance reference feature	Highway beneath structure [H]				
Appraisal ratings - underclearances	Superior to present desirable criteria [9]						

Repair and Replacement Plans

Type of work to be performed

Other structural work, including hydraulic replacements. [38]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	0	Roadway improvement cost	0
Length of structure improvement	167 m = 547.9 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 - superstructur	Poor [4]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
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	50.6
Culverts	Not applicable. Used if structure is not a culvert. [N]		

Traffic safety features - railings	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - transitions	
Traffic safety features - approach guardrail	
Traffic safety features - approach guardrail ends	

Inspection date	August 2009 [0809]	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		