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]	301118 AT WEST PARK	40-27-00 = 40.450000	080-00-36 = -80.010000

027301000031180	Highway agency district: 11	Owner: Railroad [27]	Maintenance responsibility: Railroad [27]		
Route: 0	East [2]	WEST OHIO ST	Toll: On free road [3]	Features intersected: NORFOLK SOUTHERN R/R	
Design - main: Steel [3]	Design - approach:	Kilometerpoint: 144.4 km = 89.5 mi			
1	Truss - Thru [10]	0	Other [00]	Year built: 1903	Year reconstructed: 1958
Skew angle: 22	Structure Flared:				
Historical significance: Bridge is not eligible for the NRHP. [5]					

Total length	21 m = 68.9 ft	Length of maximum span	20.4 m = 66.9 ft	Deck width, out-to-out	24.4 m = 80.1 ft	Bridge roadway width, curb-to-curb	13.7 m = 44.9 ft
Inventory Route, Total Horizontal Clearance	7 m = 23.0 ft	Curb or sidewalk width - left	4.4 m = 14.4 ft	Curb or sidewalk width - right	4.4 m = 14.4 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	1.8 metric ton = 2.0 tons
0.3 km = 0.2 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	17.2 metric ton = 18.9 tons
	Bridge posting		Design Load	M 13.5 / H 15 [2]

Functional Details

Average Daily Traffic	1596	Average daily truck traffi	6 %	Year	2009	Future average daily traffic	5000	Year	2026
Road classification	Other Principal Arterial (Urban) [14]	Lanes on structure	4	Approach roadway width	14.6 m = 47.9 ft				
Type of service on bridge	Highway-pedestrian [5]	Direction of traffic	2 - way traffic [2]	Bridge median	Closed median with non-mountable bar				
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	10 m = 32.8 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	5.79 m = 19.0 ft	Minimum vertical underclearance reference feature	Railroad beneath structure [R]						
Appraisal ratings - underclearances	Basically intolerable requiring high priority of replacement [2]								

Repair and Replacement Plans

Type of work to be performed

Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	0	Roadway improvement cost	0
Length of structure improvement	21 m = 68.9 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	Posted for load [P]	Appraisal ratings - structural	Basically intolerable requiring high priority of replacement [2]
Condition ratings - superstructur	Serious [3]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Poor [4]		
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	7.5
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	June 2009 [0609]	Designated inspection frequency	12 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	June 2005 [0605]
Other special inspection	Not needed [N]	Other special inspection date	