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]	FT PITT BR OVER MON RIVER	40-26-15 = 40.437500	080-00-49 = -80.013611

020279006100000	Highway agency district 11	Owner	State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]

Route 376	West [4]	FORT PITT BR	Toll	On free road [3]	Features intersected MON R NS RR LR 736

Design - main	Steel [3]	Design - approach	Steel [3]	Kilometerpoint	3291.9 km = 2041.0 mi
1	Arch - Thru [12]	4	Girder and floorbeam system [03]	Year built 1959	Year reconstructed 2003
				Skew angle 0	Structure Flared Yes, flared [1]
				Historical significance	Bridge is not eligible for the NRHP. [5]

Total length	367.9 m = 1207.1 ft	Length of maximum span	229.2 m = 752.0 ft	Deck width, out-to-out	17.8 m = 58.4 ft	Bridge roadway width, curb-to-curb	15.8 m = 51.8 ft
Inventory Route, Total Horizontal Clearance	7.9 m = 25.9 ft	Curb or sidewalk width - left	2.4 m = 7.9 ft	Curb or sidewalk width - right	0.6 m = 2.0 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	
0.8 km = 0.5 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	53.5 metric ton = 58.9 tons	
	Bridge posting	Equal to or above legal loads [5]	Design Load	M 13.5 / H 15 [2]	

Functional Details

Average Daily Traffic	65992	Average daily truck traffi	9 %	Year	2010	Future average daily traffic	70000
Year	2020						
Road classification	Principal Arterial - Interstate (Urban) [11]	Lanes on structure	4	Approach roadway width	15.8 m = 51.8 ft		
Type of service on bridge	Highway-pedestrian [5]	Direction of traffic	1 - way traffic [1]	Bridge median			
Parallel structure designation	No parallel structure exists. [N]						
Type of service under bridge	Highway-waterway-railroad [	Lanes under structure	8	Navigation control	Navigation control on waterway (bridge permit required). [1]		
Navigation vertical clearanc	47 m = 154.2 ft	Navigation horizontal clearance	640 m = 2099.8 ft				
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	6 m = 19.7 ft	Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	7 m = 23.0 ft	Minimum vertical underclearance reference feature	Highway beneath structure [H]				
Appraisal ratings - underclearances	Equal to present minimum criteria [6]						

Repair and Replacement Plans

Type of work to be performed		Work done by	
		Bridge improvement cost	0
		Roadway improvement cost	0
		Length of structure improvement	0 m = 0.0 ft
		Total project cost	0
		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	Better than present minimum criteria [7]
Condition ratings - superstructur	Good [7]	Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrrective action [3]
Condition ratings - deck	Very Good [8]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
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	In place and functioning [2]	Sufficiency rating	57
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	Inpected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail	Inpected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends	Inpected feature meets currently acceptable standards. [1]		
Inspection date	May 2008 [0508]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y48]	Underwater inspection date	May 2004 [0504]
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	