

HistoricBridges.org - National Bridge Inventory Data Sheet

2010 Inventory

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]	Washington County [125]	Houston [35896]	HOUSTON BOROUGH	40-14-54 = 40.248333	080-12-38 = - 80.210556
621009012011650	Highway agency district 12	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 0	SR 1009	Toll On free road [3]	Features intersected	CHARTIERS CREEK	
Design - main 1	Concrete [1] Arch - Deck [11]	Design - approach 0	Other [00]	Kilometerpoint 865.7 km = 536.7 mi	Year built 1913
				Year reconstructed N/A [0000]	Skew angle 30
				Structure Flared	Historical significance Bridge is not eligible for the NRHP. [5]
Total length 18.3 m = 60.0 ft	Length of maximum span 18.3 m = 60.0 ft	Deck width, out-to-out 11.8 m = 38.7 ft	Bridge roadway width, curb-to-curb 7.9 m = 25.9 ft	Inventory Route, Total Horizontal Clearance 7.9 m = 25.9 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	Not applicable [N]				
Type of wearing surface	Not applicable (applies only to structures with no deck) [N]				
Deck protection	Not applicable (applies only to structures with no deck) [N]				
Type of membrane/wearing surface	Not applicable (applies only to structures with no deck) [N]				

Weight Limits

Bypass, detour length 0.1 km = 0.1 mi	Method to determine inventory rating No rating analysis performed [5]	Inventory rating 24.5 metric ton = 27.0 tons
	Method to determine operating rating No rating analysis performed [5]	Operating rating 41.7 metric ton = 45.9 tons
Bridge posting Equal to or above legal loads [5]	Design Load M 13.5 / H 15 [2]	

Functional Details

Average Daily Traffic	8516	Average daily truck traffi	2	%	Year	2010	Future average daily traffic	14901	Year	2009
Road classification	Minor Arterial (Urban) [16]		Lanes on structure	2		Approach roadway width	6.7 m = 22.0 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	Waterway [5]		Lanes under structure	0		Navigation control				
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	Feature not a highway or railroad [N]									
Minimum lateral underclearance on right	0 = N/A					Minimum lateral underclearance on left	0 = N/A			
Minimum Vertical Underclearance	0 = N/A		Minimum vertical underclearance reference feature	Feature not a highway or railroad [N]						
Appraisal ratings - underclearances	N/A [N]									

Repair and Replacement Plans

Type of work to be performed	Work done by	Work to be done by contract [1]		
Other structural work, including hydraulic replacements. [38]	Bridge improvement cost	0	Roadway improvement cost	0
	Length of structure improvement	18 m = 59.1 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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Poor [4]	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	Not Applicable [N]		
Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]		
Channel and channel protection	Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel. [5]		
Appraisal ratings - water adequacy	Equal to present minimum criteria [6]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	45.7
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	March 2008 [0308]	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	