

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]	Chester County [029]	Parkesburg [58032]	BOROUGH PARKSBURG 27D09	39-57-30 = 39.958333	075-55-36 = - 75.926667
157410031000000	Highway agency district 6	Owner Town or Township Highway Agency [03]	Maintenance responsibility Town or Township Highway Agency [03]		
Route 0		WEST BRIDGE STREET	Toll On free road [3]	Features intersected AMTRAK	
Design - main 4	Steel continuous [4]	Design - approach 0	Other [00]	Kilometerpoint 0 km = 0.0 mi	
	Girder and floorbeam system [03]			Year built 1903	Year reconstructed 1954
				Skew angle 5	Structure Flared
				Historical significance	Bridge is not eligible for the NRHP. [5]
Total length 52.4 m = 171.9 ft	Length of maximum span 14 m = 45.9 ft	Deck width, out-to-out 10.4 m = 34.1 ft	Bridge roadway width, curb-to-curb 5.8 m = 19.0 ft		
Inventory Route, Total Horizontal Clearance 5.8 m = 19.0 ft	Curb or sidewalk width - left 1.8 m = 5.9 ft	Curb or sidewalk width - right 1.8 m = 5.9 ft			
Deck structure type	Wood or Timber [8]				
Type of wearing surface	Bituminous [6]				
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 0.3 km = 0.2 mi	Method to determine inventory rating	No rating analysis performed [5]	Inventory rating	0 metric ton = 0.0 tons
	Method to determine operating rating	No rating analysis performed [5]	Operating rating	0 metric ton = 0.0 tons
	Bridge posting		Design Load	

Functional Details

Average Daily Traffic	174	Average daily truck traffi		%	Year	1979	Future average daily traffic	500	Year	2007
Road classification	Local (Rural) [09]			Lanes on structure	2		Approach roadway width	5.8 m = 19.0 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	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	6 m = 19.7 ft			Minimum vertical underclearance reference feature	Railroad beneath structure [R]					
Appraisal ratings - underclearances										

Repair and Replacement Plans

Type of work to be performed	Work done by	Work to be done by contract [1]		
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	0	Roadway improvement cost	0
	Length of structure improvement	66 m = 216.5 ft	Total project cost	2000
	Year of improvement cost estimate			
	Border bridge - state		Border bridge - percent responsibility of other state	
	Border bridge - structure number			

Inspection and Sufficiency

Structure status

Bridge closed to all traffic [K]

Appraisal ratings -
structural

Condition ratings - superstructure

Imminent Failure [1]

Appraisal ratings -
roadway alignment

Better than present minimum criteria [7]

Condition ratings - substructure

Poor [4]

Appraisal ratings -
deck geometry

Basically intolerable requiring high priority of corrective action [3]

Condition ratings - deck

Serious [3]

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

16

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

November 2008 [1108]

Designated inspection frequency

24

Months

Underwater inspection

Unknown [N00]

Underwater inspection date

Fracture critical inspection

Every two years [Y24]

Fracture critical inspection date

October 2001 [1001]

Other special inspection

Every two years [Y24]

Other special inspection date

November 2009 [1109]