

HistoricBridges.org - National Bridge Inventory Data Sheet

2009 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]		Luzerne County [079]		Fairview [24888]	FAIRVIEW TWP	41-10-36 = 41.1	075-52-48 = -75.8
407211043900050		Highway agency district: 4		Owner Railroad [27]	Maintenance responsibility Railroad [27]		
Route 0		TWP RD 439		Toll On free road [3]	Features intersected CONRAIL RR		
Design - main 1	Steel [3]	Design - approach 0		Kilometerpoint 0 km = 0.0 mi			
	Girder and floorbeam system [03]		Other [00]	Year built 1894	Year reconstructed N/A [0000]		
				Skew angle 0	Structure Flared		
				Historical significance Bridge is not eligible for the NRHP. [5]			
Total length	14.3 m = 46.9 ft	Length of maximum span	14.3 m = 46.9 ft	Deck width, out-to-out	3.7 m = 12.1 ft	Bridge roadway width, curb-to-curb	3.7 m = 12.1 ft
Inventory Route, Total Horizontal Clearance		3.7 m = 12.1 ft	Curb or sidewalk width - left	0 m = 0.0 ft	Curb or sidewalk width - right	0 m = 0.0 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	Method to determine inventory rating	No rating analysis performed [5]	Inventory rating	9.1 metric ton = 10.0 tons
0.1 km = 0.1 mi	Method to determine operating rating	No rating analysis performed [5]	Operating rating	13.6 metric ton = 15.0 tons
	Bridge posting	10.0 - 19.9 % below [3]	Design Load	M 9 / H 10 [1]

Functional Details

Average Daily Traffic	50	Average daily truck traffi		%	Year	1987	Future average daily traffic	70	Year	2007
Road classification	Local (Rural) [09]			Lanes on structure	2		Approach roadway width	5.5 m = 18.0 ft		
Type of service on bridge	Highway [1]			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				Minimum vertical underclearance reference feature	Railroad beneath structure [R]					
Appraisal ratings - underclearances	Unknown [*]									

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	21 m = 68.9 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	<input type="text" value="Posted for load [P]"/>	Appraisal ratings - structural	<input type="text" value="Basically intolerable requiring high priority of corrective action [3]"/>
Condition ratings - superstructure	<input type="text" value="Serious [3]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>
Condition ratings - substructure	<input type="text" value="Good [7]"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of replacement [2]"/>
Condition ratings - deck	<input type="text" value="Good [7]"/>		
Scour	<input type="text" value="Bridge not over waterway. [N]"/>		
Channel and channel protection	<input type="text" value="Not applicable. [N]"/>		
Appraisal ratings - water adequacy	<input type="text" value="N/A [N]"/>	Status evaluation	<input type="text" value="Structurally deficient [1]"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="23.5"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text"/>		
Traffic safety features - transitions	<input type="text"/>		
Traffic safety features - approach guardrail	<input type="text"/>		
Traffic safety features - approach guardrail ends	<input type="text"/>		
Inspection date	<input type="text" value="March 2009 [0309]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Not needed [N]"/>	Underwater inspection date	<input type="text"/>
Fracture critical inspection	<input type="text" value="Not needed [N]"/>	Fracture critical inspection date	<input type="text"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>