

HistoricBridges.org - National Bridge Inventory Data Sheet

2003 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]		Elk County [047]		Johnsonburg [38248]		120 FT NORTH OF SR 1004		41-29-36 = 41.493333		078-40-30 = - 78.675000	
247401031800050		Highway agency district 2		Owner Town or Township Highway Agency [03]		Maintenance responsibility		Town or Township Highway Agency [03]			
Route 0		CLARION AVENUE		Toll On free road [3]		Features intersected EAST BR CLARION RIVER					
Design - main Steel [3]		Design - approach		Kilometerpoint 0 km = 0.0 mi							
1 Truss - Thru [10]		0 Other [00]		Year built 1930		Year reconstructed N/A [0000]					
				Skew angle 46		Structure Flared					
				Historical significance		Historical significance is not determinable at this time. [4]					
Total length 38.1 m = 125.0 ft		Length of maximum span 37.5 m = 123.0 ft		Deck width, out-to-out 5.5 m = 18.0 ft		Bridge roadway width, curb-to-curb 3.7 m = 12.1 ft					
Inventory Route, Total Horizontal Clearance 3.6 m = 11.8 ft		Curb or sidewalk width - left 1.5 m = 4.9 ft		Curb or sidewalk width - right 0.3 m = 1.0 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 19.9 km = 12.3 mi		Method to determine inventory rating		No rating analysis performed [5]		Inventory rating 32.4 metric ton = 35.6 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	216	Average daily truck traffi	0	%	Year	1985	Future average daily traffic	270	Year	2022
Road classification	Local (Rural) [09]		Lanes on structure	1		Approach roadway width	4 m = 13.1 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	0 m = 0.0 ft					Minimum vertical clearance over bridge roadway	99.99 m = 328.1 ft			
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]									
Minimum lateral underclearance on right	99.9 = Unlimited					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]		
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	790000	Roadway improvement cost	340000
	Length of structure improvement	47.5 m = 155.8 ft	Total project cost	1557000
	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="Meets minimum tolerable limits to be left in place as is [4]"/>
Condition ratings - substructure	<input type="text" value="Fair [5]"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of replacement [2]"/>
Condition ratings - deck	<input type="text" value="Serious [3]"/>		
Scour	<input type="text" value="Bridge foundations determined to be stable for assessed or calculated scour conditions; field review indicates action is required. [4]"/>		
Channel and channel protection	<input type="text" value="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	<input type="text" value="Better than present minimum criteria [7]"/>	Status evaluation	<input type="text" value="Structurally deficient [1]"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="21.9"/>
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="May 2002 [0502]"/>	Designated inspection frequency	<input type="text" value="12"/> Months
Underwater inspection	<input type="text" value="Every two years [Y24]"/>	Underwater inspection date	<input type="text" value="May 2002 [0502]"/>
Fracture critical inspection	<input type="text" value="Every year [Y12]"/>	Fracture critical inspection date	<input type="text" value="May 2002 [0502]"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>