

HistoricBridges.org - National Bridge Inventory Data Sheet

2007 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

New York [36]	Livingston County [051]	West Sparta [81006]	2 MI NW CITY OF DANSVILLE	42-35-35 = 42.593056	077-43-35 = -77.726389
3316770	Highway agency district 42	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 0	WHITE BRIDGE RD	Toll On free road [3]	Features intersected CANASERAGA CREEK		
Design - main 1	Aluminum, Wrought Iron or Cast Iron [9] Truss - Thru [10]	Design - approach 0	Other [00]	Kilometerpoint 0 km = 0.0 mi	Year built 1894
				Year reconstructed N/A [0000]	Skew angle 0
				Structure Flared	Historical significance Bridge is eligible for the NRHP. [2]
Total length 23.1 m = 75.8 ft	Length of maximum span 22.5 m = 73.8 ft	Deck width, out-to-out 5.2 m = 17.1 ft	Bridge roadway width, curb-to-curb 4.4 m = 14.4 ft		
Inventory Route, Total Horizontal Clearance 4.4 m = 14.4 ft	Curb or sidewalk width - left 0.1 m = 0.3 ft	Curb or sidewalk width - right 0.1 m = 0.3 ft			
Deck structure type	Wood or Timber [8]				
Type of wearing surface	Other [9]				
Deck protection					
Type of membrane/wearing surface	Unknown [8]				

Weight Limits

Bypass, detour length 0.6 km = 0.4 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	11.8 metric ton = 13.0 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	18.1 metric ton = 19.9 tons
Bridge posting	10.0 - 19.9 % below [3]	Design Load		

Functional Details

Average Daily Traffic	103	Average daily truck traffi	6	%	Year	2003	Future average daily traffic	143	Year	2023
Road classification	Local (Rural) [09]		Lanes on structure	1		Approach roadway width	4.2 m = 13.8 ft			
Type of service on bridge	Highway [1]		Direction of traffic	One lane bridge for 2 - way traffic [3]		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]		
Widening of existing bridge with deck rehabilitation or replacement. [34]	Bridge improvement cost	231000	Roadway improvement cost	131000
	Length of structure improvement	23.1 m = 75.8 ft	Total project cost	362000
	Year of improvement cost estimate	2006		
	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="Meets minimum tolerable limits to be left in place as is [4]"/>
Condition ratings - superstructure	<input type="text" value="Fair [5]"/>	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="Poor [4]"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of replacement [2]"/>
Condition ratings - deck	<input type="text" value="Satisfactory [6]"/>		
Scour	<input type="text" value="Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]"/>		
Channel and channel protection	<input type="text" value="Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]"/>		
Appraisal ratings - water adequacy	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>	Status evaluation	<input type="text" value="Structurally deficient [1]"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="23"/>
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" value="Not applicable or a safety feature is not required. [N]"/>		
Traffic safety features - approach guardrail	<input type="text"/>		
Traffic safety features - approach guardrail ends	<input type="text"/>		
Inspection date	<input type="text" value="August 2006 [0806]"/>	Designated inspection frequency	<input type="text" value="12"/> Months
Underwater inspection	<input type="text" value="Not needed [N]"/>	Underwater inspection date	<input type="text"/>
Fracture critical inspection	<input type="text" value="Every year [Y12]"/>	Fracture critical inspection date	<input type="text" value="August 2006 [0806]"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>