

# 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

New York [36]	Columbia County [021]	Chatham [14014]	.6 MI S OF CHATHAM CENTER	42-24-34 = 42.409444	073-36-59 = - 73.616389
2222160	Highway agency district 81	Owner Railroad [27]	Maintenance responsibility	Town or Township Highway Agency [03]	
Route 0	WHITE MILLS ROAD	Toll On free road [3]	Features intersected CSX TRANS/ AMTRAK		
Design - main 1	Steel [3] Truss - Thru [10]	Design - approach 0	Other [00]	Kilometerpoint 0 km = 0.0 mi	Year built 1916
				Year reconstructed 1935	Skew angle 0
				Structure Flared	Historical significance Historical significance is not determinable at this time. [4]
Total length 21.3 m = 69.9 ft	Length of maximum span 20.1 m = 65.9 ft	Deck width, out-to-out 7.1 m = 23.3 ft	Bridge roadway width, curb-to-curb 5.7 m = 18.7 ft		
Inventory Route, Total Horizontal Clearance 5.7 m = 18.7 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 0.4 km = 0.2 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	4.5 metric ton = 5.0 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	7.3 metric ton = 8.0 tons
Bridge posting	30.0 - 39.9 % below [1]	Design Load		

### Functional Details

Average Daily Traffic	350	Average daily truck traffi	7	%	Year	2009	Future average daily traffic	466	Year	
Road classification	Local (Rural) [09]		Lanes on structure	2		Approach roadway width	6 m = 19.7 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	99.99 m = 328.1 ft			
Minimum lateral underclearance reference feature	Railroad beneath structure [R]									
Minimum lateral underclearance on right	2.6 m = 8.5 ft					Minimum lateral underclearance on left	0 = N/A			
Minimum Vertical Underclearance	6.1 m = 20.0 ft		Minimum vertical underclearance reference feature	Railroad beneath structure [R]						
Appraisal ratings - underclearances	Meets minimum tolerable limits to be left in place as is [4]									

### 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	512000	Roadway improvement cost	307000
	Length of structure improvement	21.3 m = 69.9 ft	Total project cost	819000
	Year of improvement cost estimate	2009		
	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

Poor [4]

Appraisal ratings -  
roadway alignment

Condition ratings - substructure

Satisfactory [6]

Appraisal ratings -  
deck geometry

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

14.2

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

September 2009 [0909]

Designated inspection frequency

12

Months

Underwater inspection

Not needed [N]

Underwater inspection date

Fracture critical inspection

Every year [Y12]

Fracture critical inspection date

September 2009 [0909]

Other special inspection

Not needed [N]

Other special inspection date