

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]	IN EAST CHATHAM	42-24-40 = 42.411111	073-31-33 = -73.525833
2222150	Highway agency district 81	Owner Railroad [27]	Maintenance responsibility	Town or Township Highway Agency [03]	
Route 0	ALBANY TURNPIKE	Toll On free road [3]	Features intersected CSX TRANS/ AMTRAK		
Design - main Steel [3]	Design - approach	Kilometerpoint 0 km = 0.0 mi			
1	Truss - Thru [10]	0	Other [00]	Year built 1910	Year reconstructed 1943
		Skew angle 61	Structure Flared		
		Historical significance	Historical significance is not determinable at this time. [4]		
Total length 36.2 m = 118.8 ft	Length of maximum span 35.3 m = 115.8 ft	Deck width, out-to-out 6 m = 19.7 ft	Bridge roadway width, curb-to-curb 5.1 m = 16.7 ft		
Inventory Route, Total Horizontal Clearance 5.1 m = 16.7 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 0.6 km = 0.4 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	26.3 metric ton = 28.9 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	39 metric ton = 42.9 tons
Bridge posting	00.1 - 09.9 % below [4]		Design Load	

Functional Details

Average Daily Traffic	975	Average daily truck traffi	7	%	Year	1997	Future average daily traffic	975	Year	2017
Road classification	Minor Collector (Rural) [08]		Lanes on structure	2		Approach roadway width	5.1 m = 16.7 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	4.44 m = 14.6 ft			
Minimum lateral underclearance reference feature	Railroad beneath structure [R]									
Minimum lateral underclearance on right	6 m = 19.7 ft					Minimum lateral underclearance on left	0 = N/A			
Minimum Vertical Underclearance	6.12 m = 20.1 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	730000	Roadway improvement cost	438000
	Length of structure improvement	36.2 m = 118.8 ft	Total project cost	1168000
	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

Posted for load [P]

Appraisal ratings -
structural

Meets minimum tolerable limits to be left in place as is [4]

Condition ratings - superstructure

Poor [4]

Appraisal ratings -
roadway alignment

Meets minimum tolerable limits to be left in place as is [4]

Condition ratings - substructure

Fair [5]

Appraisal ratings -
deck geometry

Basically intolerable requiring high priority of replacement [2]

Condition ratings - deck

Fair [5]

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

43.3

Culverts

Not applicable. Used if structure is not a culvert. [N]

Traffic safety features - railings

Traffic safety features - transitions

Traffic safety features - approach guardrail

Inspected feature meets currently acceptable standards. [1]

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