

# HistoricBridges.org - National Bridge Inventory Data Sheet

2011 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

Connecticut [09]	Fairfield County [001]	Westport [83500]	1.1 MI W OF TOWN LINE	41-10-24 = 41.173333	073-20-30 = - 73.341667
732	Highway agency district 3	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 0		NORTH AVENUE #1	Toll On free road [3]	Features intersected ROUTE 15	
Design - main	Concrete [1]	Design - approach		Kilometerpoint	3794 km = 2352.3 mi
1	Frame [07]	0	Other [00]	Year built	1939
				Year reconstructed	N/A [0000]
				Skew angle	9
				Structure Flared	
				Historical significance	Bridge is on the NRHP. [1]
Total length	20.4 m = 66.9 ft	Length of maximum span	20.4 m = 66.9 ft	Deck width, out-to-out	11.3 m = 37.1 ft
Inventory Route, Total Horizontal Clearance	8 m = 26.2 ft	Curb or sidewalk width - left	0 m = 0.0 ft	Curb or sidewalk width - right	1.4 m = 4.6 ft
Deck structure type	Not applicable [N]				
Type of wearing surface	Not applicable (applies only to structures with no deck) [N]				
Deck protection	Not applicable (applies only to structures with no deck) [N]				
Type of membrane/wearing surface	Unknown [8]				

## Weight Limits

Bypass, detour length	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	36 metric ton = 39.6 tons
0.3 km = 0.2 mi	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	73.8 metric ton = 81.2 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	M 18 / H 20 [4]

## Functional Details

Average Daily Traffic	2298	Average daily truck traffi	4	%	Year	2010	Future average daily traffic	1149	Year	2029
Road classification	Collector (Urban) [17]	Lanes on structure	2		Approach roadway width	8.2 m = 26.9 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	Highway, with or without ped	Lanes under structure	4		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	0 m = 0.0 ft				Minimum vertical clearance over bridge roadway	99.99 m = 328.1 ft				
Minimum lateral underclearance reference feature	Highway beneath structure [H]									
Minimum lateral underclearance on right	1 m = 3.3 ft				Minimum lateral underclearance on left	30.4 m = 99.7 ft				
Minimum Vertical Underclearance	3.73 m = 12.2 ft				Minimum vertical underclearance reference feature	Highway beneath structure [H]				
Appraisal ratings - underclearances	Basically intolerable requiring high priority of corrective action [3]									

## Repair and Replacement Plans

Type of work to be performed	Work done by	Work to be done by owner's forces [2]		
Other structural work, including hydraulic replacements. [38]	Bridge improvement cost	1000	Roadway improvement cost	1000
	Length of structure improvement	0.1 m = 0.3 ft	Total project cost	2000
	Year of improvement cost estimate			
	Border bridge - state		Border bridge - percent responsibility of other state	
	Border bridge - structure number			

## Inspection and Sufficiency

Structure status	Open, no restriction [A]	Appraisal ratings - structural	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Poor [4]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - deck	Not Applicable [N]		
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	51
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	Inspected feature meets currently acceptable standards. [1]		
Inspection date	February 2010 [0210]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Every year [Y12]	Other special inspection date	