

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]	Stamford [73070]	1.77 MI FROM GREENWICH TL	41-06-30 = 41.108333	073-33-54 = - 73.565000
703	Highway agency district 3	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 15	ROUTE 15	Toll On free road [3]	Features intersected	ROUTE 104	
Design - main 1	Concrete [1] Frame [07]	Design - approach 0	Other [00]	Kilometerpoint 1523.7 km = 944.7 mi	Year built 1936
				Year reconstructed N/A [0000]	Skew angle 5
				Structure Flared	Historical significance Bridge is on the NRHP. [1]
Total length 17.7 m = 58.1 ft	Length of maximum span 15.8 m = 51.8 ft	Deck width, out-to-out 20.7 m = 67.9 ft	Bridge roadway width, curb-to-curb 18.3 m = 60.0 ft	Inventory Route, Total Horizontal Clearance 9.1 m = 29.9 ft	Curb or sidewalk width - left 0.4 m = 1.3 ft
				Curb or sidewalk width - right 0.4 m = 1.3 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	Not applicable (applies only to structures with no deck) [N]				

Weight Limits

Bypass, detour length 1.1 km = 0.7 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	24.3 metric ton = 26.7 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	67.5 metric ton = 74.3 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	M 18 / H 20 [4]	

Functional Details

Average Daily Traffic	53900	Average daily truck traffi	1	%	Year	2006	Future average daily traffic	26950	Year	2029
Road classification	Principal Arterial - Other Freeways or Exp		Lanes on structure	4		Approach roadway width	17.1 m = 56.1 ft			
Type of service on bridge	Highway [1]		Direction of traffic	2 - way traffic [2]		Bridge median	Closed median (no barriers) [2]			
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	0.9 m = 3.0 ft					Minimum lateral underclearance on left	0 = N/A			
Minimum Vertical Underclearance	3.99 m = 13.1 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	Posted for other load-capacity restriction [R]	Appraisal ratings - structural	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
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	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	57.5
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	May 2009 [0509]	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	Not needed [N]	Other special inspection date	