HistoricBridges.org - National Bridge Inventory Data Sheet

2011 Inventory

The National Bridge Inventory contains data submitted by state transportion 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]	Fairfield [26620]	AT EXIT 46	41-13-48 = 41.230000	073-15-18 = -73.255000

744 | Highway agency district: 3 | Owner: State Highway Agency [01] | Maintenance responsibility: State Highway Agency [01]

Route: 59 | | ROUTE 59 | Toll: On free road [3] | Features intersected: ROUTE 15

Design - main	Concrete [1]	Design - approach	
1	Frame [07]	0	Other [00]

Kilometerpoint: 593.7 km = 368.1 mi

Year built: 1936 | Year reconstructed: 1995

Skew angle: 20 | Structure Flared:

Historical significance: Bridge is on the NRHP. [1]

Total length: 24.7 m = 81.0 ft | Length of maximum span: 23.8 m = 78.1 ft | Deck width, out-to-out: 16.4 m = 53.8 ft | Bridge roadway width, curb-to-curb: 14.6 m = 47.9 ft

Inventory Route, Total Horizontal Clearance: 14.6 m = 47.9 ft | Curb or sidewalk width - left: 0 m = 0.0 ft | Curb or sidewalk width - right: 0 m = 0.0 ft

Deck structure type: Not applicable [N]

Type of wearing surface: Bituminous [6]

Deck protection:

Type of membrane/wearing surface:

Weight Limits

Bypass, detour length: 0 km = 0.0 mi

Method to determine inventory rating: Load Factor(LF) [1] | Inventory rating: 99.9 metric ton = 109.9 tons

Method to determine operating rating: Load Factor(LF) [1] | Operating rating: 99.9 metric ton = 109.9 tons

Bridge posting: Equal to or above legal loads [5] | Design Load: MS 18 / HS 20 [5]

Functional Details

Average Daily Traffic	12900	Average daily truck traffi	3 %	Year	2008	Future average daily traffic	6450
Year	2029						
Road classification	Minor Arterial (Urban) [16]	Lanes on structure	4	Approach roadway width	14.6 m = 47.9 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	Highway, with or without ped	Lanes under structure	6	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	3.2 m = 10.5 ft	Minimum lateral underclearance on left	30.4 m = 99.7 ft				
Minimum Vertical Underclearance	3.61 m = 11.8 ft	Minimum vertical underclearance reference feature	Highway beneath structure [H]				
Appraisal ratings - underclearances	Basically intolerable requiring high priority of corrrective action [3]						

Repair and Replacement Plans

Type of work to be performed

Other structural work, including hydraulic replacements. [38]

Work done by	Work to be done by owner's forces [2]		
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	Better than present minimum criteria [7]
Condition ratings - superstructur	Good [7]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
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	76
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inpected feature meets currently acceptable standards. [1]		
Traffic safety features - transitions			
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends	Inpected feature meets currently acceptable standards. [1]		
Inspection date	March 2010 [0310]	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	