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]	Trumbull [77200]	1.4 MI S OF ROUTE 111	41-13-54 = 41.231667	073-14-42 = -73.245000

745	Highway agency district: 3	Owner: State Highway Agency [01]	Maintenance responsibility: State Highway Agency [01]		
Route: 0		PARK AVENUE	Toll: On free road [3]	Features intersected: ROUTE 15	

Design - main: Concrete [1]		Design - approach:		Kilometerpoint: 728.9 km = 451.9 mi	
1	Arch - Deck [11]	0	Other [00]	Year built: 1940	Year reconstructed: N/A [0000]
				Skew angle: 4	Structure Flared:
				Historical significance: Bridge is on the NRHP. [1]	

Total length: 27.4 m = 89.9 ft	Length of maximum span: 27.4 m = 89.9 ft	Deck width, out-to-out: 11.3 m = 37.1 ft	Bridge roadway width, curb-to-curb: 9.1 m = 29.9 ft		
Inventory Route, Total Horizontal Clearance: 9.1 m = 29.9 ft	Curb or sidewalk width - left: 0.2 m = 0.7 ft	Curb or sidewalk width - right: 0.2 m = 0.7 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	Method to determine inventory rating: Load Factor(LF) [1]		Inventory rating: 64.8 metric ton = 71.3 tons		
0.2 km = 0.1 mi	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: M 18 / H 20 [4]		

Functional Details

Average Daily Traffic	11938	Average daily truck traffi	3 %	Year	2007	Future average daily traffic	5969
Year	2029						
Road classification	Local (Urban) [19]	Lanes on structure	2	Approach roadway width	9.1 m = 29.9 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	5	Navigation control			
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	0.3 m = 1.0 ft	Minimum lateral underclearance on left	0.8 m = 2.6 ft				
Minimum Vertical Underclearance	3.58 m = 11.7 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	Equal to present minimum criteria [6]
Condition ratings - superstructur	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrrective 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	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	72.5
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	February 2011 [0211]	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	