HistoricBridges.org - National Bridge Inventory Data Sheet

2019 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]	New Haven County [009]	New Haven [52070]	AT JUNCT W FARNUM DRIVE	41-19-49.49 = 41.330414	072-54-32.35 = -72.908986

4418	Highway agency district: 3	Owner	City or Municipal Highway Agency [04]	Maintenance responsibility	City or Municipal Highway Agency [04]

Route	0	EAST ROCK ROAD	Toll	On free road [3]	Features intersected: MILL RIVER

Design - main	Steel [3]	Design - approach		Kilometerpoint	59.5 km = 36.9 mi
1	Arch - Deck [11]	0	Other [00]	Year built	#Num!
				Year reconstructed	2013
				Skew angle	0
				Structure Flared	
				Historical significance	Bridge is possibly eligible for the NRHP. [3]

Total length	25.9 m = 85.0 ft	Length of maximum span	25.7 m = 84.3 ft	Deck width, out-to-out	9.7 m = 31.8 ft	Bridge roadway width, curb-to-curb	6.1 m = 20.0 ft

Inventory Route, Total Horizontal Clearance	6.1 m = 20.0 ft	Curb or sidewalk width - left	1.8 m = 5.9 ft	Curb or sidewalk width - right	1.8 m = 5.9 ft

Deck structure type	Closed Grating [4]
Type of wearing surface	Bituminous [6]
Deck protection	
Type of membrane/wearing surface	Preformed Fabric [2]

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load and Resistance Factor Rating (L	Inventory rating	34.3 metric ton = 37.7 tons	
0.2 km = 0.1 mi	Method to determine operating rating	Load and Resistance Factor Rating (L	Operating rating	44.7 metric ton = 49.2 tons	
	Bridge posting	Equal to or above legal loads [5]	Design Load	HL93 [A]	

Functional Details

Average Daily Traffic	1285	Average daily truck traffi	4 %	Year	2016	Future average daily traffic	1909	Year	2036

Road classification	Local (Urban) [19]	Lanes on structure	2	Approach roadway width	6.1 m = 20.0 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	Waterway [5]	Lanes under structure	0	Navigation control	
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	99.99 m = 328.1 ft		
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]				
Minimum lateral underclearance on right	0 = N/A	Minimum lateral underclearance on left	0 = N/A		
Minimum Vertical Underclearance	0 = N/A	Minimum vertical underclearance reference feature	Feature not a highway or railroad [N]		
Appraisal ratings - underclearances	N/A [N]				

Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost

Roadway improvement cost

Length of structure improvement

Total project cost

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 - superstructure	Good [7]	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 replacement [2]
Condition ratings - deck	Good [7]		

Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]
Channel and channel protection	Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]

Appraisal ratings - water adequacy	Better than present minimum criteria [7]	Status evaluation	
Pier or abutment protection		Sufficiency rating	80.8

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	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - approach guardrail	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - approach guardrail ends	Inpected feature meets currently acceptable standards. [1]

Inspection date	November 2017 [1117]	Designated inspection frequency	24	Months

Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	November 2017 [1117]
Other special inspection	Not needed [N]	Other special inspection date	