HistoricBridges.org - National Bridge Inventory Data Sheet

1992 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

New York [36]	Albany County [001]	Bethlehem [06354]	0.5 MI.S CITY OF ALBANY	42-37-36 = 42.626667	073-48-06 = -73.801667

2200190	Highway agency district: 11	Owner: Railroad [27]	Maintenance responsibility: Town or Township Highway Agency [03]		
Route: 0		ROCKEFELLER RD	Toll: On free road [3]	Features intersected: D&H RR	

Design - main	Steel [3]	Design - approach		Kilometerpoint	
3	Truss - Thru [10]	0	Other [00]	Year built: 1914	Year reconstructed: N/A [0000]
				Skew angle: 0	Structure Flared:
				Historical significance	Bridge is not eligible for the NRHP. [5]

Total length	47.9 m = 157.2 ft	Length of maximum span	15.2 m = 49.9 ft	Deck width, out-to-out	6 m = 19.7 ft	Bridge roadway width, curb-to-curb	5.2 m = 17.1 ft
Inventory Route, Total Horizontal Clearance	5.2 m = 17.1 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	Wood or Timber [8]
Type of wearing surface	Other [9]
Deck protection	
Type of membrane/wearing surface	Unknown [8]

Weight Limits

Bypass, detour length	Method to determine inventory rating		Inventory rating	13.5 metric ton = 14.9 tons	
0.3 km = 0.2 mi	Method to determine operating rating		Operating rating	19.8 metric ton = 21.8 tons	
	Bridge posting	10.0 - 19.9 % below [3]	Design Load		

Functional Details

Average Daily Traffic	250	Average daily truck traffi	10 %	Year	1991	Future average daily traffic	3081	Year	2010

Road classification	Local (Urban) [19]	Lanes on structure	1	Approach roadway width	5.5 m = 18.0 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	Railroad [2]	Lanes under structure	0	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		Minimum vertical clearance over bridge roadway	99.99 m = 328.1 ft		
Minimum lateral underclearance reference feature	Railroad beneath structure [R]				
Minimum lateral underclearance on right	99.9 = Unlimited	Minimum lateral underclearance on left	0 = N/A		
Minimum Vertical Underclearance	0 = N/A	Minimum vertical underclearance reference feature	Railroad beneath structure [R]		
Appraisal ratings - underclearances	N/A [N]				

Repair and Replacement Plans

Type of work to be performed

Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	645000	Roadway improvement cost	75000
Length of structure improvement	66.1 m = 216.9 ft	Total project cost	1125000
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 load [P]	Appraisal ratings - structural	Basically intolerable requiring high priority of corrrective action [3]
Condition ratings - superstructure	Serious [3]	Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - substructure	Serious [3]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Serious [3]		
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	28.8
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	Not applicable or a safety feature is not required. [N]		
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends			
Inspection date	October 1991 [1091]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	October 1991 [1091]
Other special inspection	Not needed [N]	Other special inspection date	