

HistoricBridges.org - National Bridge Inventory Data Sheet

2012 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

New York [36]	Queens County [081]	New York [51000]	IN JACOB RIIS PARK	40-34-17 = 40.571389	073-52-09 = - 73.869167
2248230	Highway agency district	#Num!	Owner	City or Municipal Highway Agency [04]	Maintenance responsibility
					City or Municipal Highway Agency [04]
Route	0		BEACH CHAN DR WB	Toll	On free road [3]
				Features intersected	BEACH CHAN DR EB
Design - main	Concrete [1]	Design - approach		Kilometerpoint	0 km = 0.0 mi
1	Arch - Deck [11]	0	Other [00]	Year built	1950
				Year reconstructed	N/A [0000]
				Skew angle	33
				Structure Flared	Yes, flared [1]
				Historical significance	Historical significance is not determinable at this time. [4]
Total length	24.3 m = 79.7 ft	Length of maximum span	20.7 m = 67.9 ft	Deck width, out-to-out	13.5 m = 44.3 ft
				Bridge roadway width, curb-to-curb	10.6 m = 34.8 ft
Inventory Route, Total Horizontal Clearance	10.6 m = 34.8 ft	Curb or sidewalk width - left	0.8 m = 2.6 ft	Curb or sidewalk width - right	0.8 m = 2.6 ft
Deck structure type	Not applicable [N]				
Type of wearing surface	Monolithic Concrete (concurrently placed with structural deck) [1]				
Deck protection	Not applicable (applies only to structures with no deck) [N]				
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length	Method to determine inventory rating	No rating analysis performed [5]	Inventory rating	23.2 metric ton = 25.5 tons
0.8 km = 0.5 mi	Method to determine operating rating	No rating analysis performed [5]	Operating rating	59.4 metric ton = 65.3 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	

Functional Details

Average Daily Traffic	6300	Average daily truck traffi	10	%	Year	1974	Future average daily traffic	8820	Year	1994
Road classification	Other Principal Arterial (Urban) [14]		Lanes on structure	2		Approach roadway width	10.3 m = 33.8 ft			
Type of service on bridge	Highway-pedestrian [5]		Direction of traffic	1 - way traffic [1]		Bridge median				
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Highway, with or without ped		Lanes under structure	2		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	Highway beneath structure [H]									
Minimum lateral underclearance on right	4.7 m = 15.4 ft					Minimum lateral underclearance on left	3.9 m = 12.8 ft			
Minimum Vertical Underclearance	4.67 m = 15.3 ft		Minimum vertical underclearance reference feature	Highway beneath structure [H]						
Appraisal ratings - underclearances	Equal to present minimum criteria [6]									

Repair and Replacement Plans

Type of work to be performed	Work done by	Work to be done by contract [1]		
Widening of existing bridge with deck rehabilitation or replacement. [34]	Bridge improvement cost	3942000	Roadway improvement cost	2308000
	Length of structure improvement	24.3 m = 79.7 ft	Total project cost	6250000
	Year of improvement cost estimate	2011		
	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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Better than present minimum criteria [7]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
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	
Pier or abutment protection		Sufficiency rating	84.2
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	Inspected feature meets currently acceptable standards. [1]		
Inspection date	July 2011 [0711]	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	