HistoricBridges.org - National Bridge Inventory Data Sheet

2010 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

Illinois [17]	Cook County [031]	Chicago [14000]	3258 E.95TH STREET	41-43-22 = 41.7	087-32-37 = -87.5

000016603823014	Highway agency district: 1	Owner: City or Municipal Highway Agency [04]	Maintenance responsibility: City or Municipal Highway Agency [04]		
Route: 12		95TH ST	Toll: On free road [3]	Features intersected: CALUMET RIVER	

Design - main: Steel [3]	Design - approach: Steel [3]	Kilometerpoint: 13254.9 km = 8218.0 mi			
1	Movable - Bascule [16]	4	Stringer/Multi-beam or girder [02]	Year built: 1958	Year reconstructed: N/A [0000]
				Skew angle: 0	Structure Flared:
				Historical significance: Bridge is not eligible for the NRHP. [5]	

Total length: 104.5 m = 342.9 ft	Length of maximum span: 72.8 m = 238.9 ft	Deck width, out-to-out: 26.5 m = 86.9 ft	Bridge roadway width, curb-to-curb: 18.9 m = 62.0 ft		
Inventory Route, Total Horizontal Clearance: 18.8 m = 61.7 ft	Curb or sidewalk width - left: 2.7 m = 8.9 ft	Curb or sidewalk width - right: 2.7 m = 8.9 ft			

Deck structure type: Open Grating [3]

Type of wearing surface: Other [9]

Deck protection:

Type of membrane/wearing surface:

Weight Limits

Bypass, detour length	Method to determine inventory rating: Load Factor(LF) [1]		Inventory rating: 17.1 metric ton = 18.8 tons		
0.1 km = 0.1 mi	Method to determine operating rating: Load Factor(LF) [1]		Operating rating: 28.8 metric ton = 31.7 tons		
	Bridge posting: 00.1 - 09.9 % below [4]		Design Load: MS 18 / HS 20 [5]		

Functional Details

Average Daily Traffic	12100	Average daily truck traffi	6 %	Year	2009	Future average daily traffic	55755	Year	2021
Road classification	Other Principal Arterial (Urban) [14]	Lanes on structure	6	Approach roadway width	23.2 m = 76.1 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	Waterway [5]	Lanes under structure	0	Navigation control	Navigation control on waterway (bridge permit required). [1]				
Navigation vertical clearanc	7.3 m = 24.0 ft	Navigation horizontal clearance	62.1 m = 203.8 ft						
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

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	1902000	Roadway improvement cost	190000
Length of structure improvement	109.7 m = 359.9 ft	Total project cost	2853000
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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructur	Poor [4]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Satisfactory [6]		

Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]
Channel and channel protection	Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly. [6]

Appraisal ratings - water adequacy	Superior to present desirable criteria [9]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	32.1

Culverts	Not applicable. Used if structure is not a culvert. [N]

Traffic safety features - railings	
Traffic safety features - transitions	Not applicable or a safety feature is not required. [N]
Traffic safety features - approach guardrail	Not applicable or a safety feature is not required. [N]
Traffic safety features - approach guardrail ends	Not applicable or a safety feature is not required. [N]

Inspection date	November 2007 [1107]	Designated inspection frequency	24	Months

Underwater inspection	Unknown [Y60]	Underwater inspection date	July 2009 [0709]
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	