

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.
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Basic Information

Illinois [17]	Cook County [031]	Chicago [14000]	600 S & 322 W	41-52-28 = 41.8	087-38-10 = -87.6
000016602526627	Highway agency district 1	Owner City or Municipal Highway Agency [04]	Maintenance responsibility	City or Municipal Highway Agency [04]	
Route 1429	HARRISON ST	Toll On free road [3]	Features intersected S BR CHICAGO RIVER		
Design - main Steel [3]	Design - approach Steel [3]	Kilometerpoint 732.1 km = 453.9 mi	Year built 1960	Year reconstructed N/A [0000]	
1	Movable - Bascule [16]	3	Stringer/Multi-beam or girder [02]	Skew angle 0	Structure Flared
		Historical significance Bridge is not eligible for the NRHP. [5]			
Total length 85 m = 278.9 ft	Length of maximum span 64 m = 210.0 ft	Deck width, out-to-out 21 m = 68.9 ft	Bridge roadway width, curb-to-curb 13.4 m = 44.0 ft		
Inventory Route, Total Horizontal Clearance 13.4 m = 44.0 ft	Curb or sidewalk width - left 2.4 m = 7.9 ft	Curb or sidewalk width - right 2.4 m = 7.9 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 0 km = 0.0 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	20.7 metric ton = 22.8 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	34.2 metric ton = 37.6 tons
Bridge posting	00.1 - 09.9 % below [4]		Design Load	MS 18 / HS 20 [5]

Functional Details

Average Daily Traffic	9000	Average daily truck traffi	16	%	Year	2006	Future average daily traffic	10320	Year	2021
Road classification	Collector (Urban) [17]		Lanes on structure	4		Approach roadway width	13.4 m = 44.0 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	Waterway [5]		Lanes under structure	0		Navigation control	Navigation control on waterway (bridge permit required). [1]			
Navigation vertical clearanc	7 m = 23.0 ft		Navigation horizontal clearance	48.4 m = 158.8 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	Work done by		Work to be done by contract [1]	
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	1129000	Roadway improvement cost	113000
	Length of structure improvement	93.6 m = 307.1 ft	Total project cost	1694000
	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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
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	Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8]		
Appraisal ratings - water adequacy	Superior to present desirable criteria [9]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	62
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	December 2008 [1208]	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	