

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

Illinois [17]	Cook County [031]	Chicago [14000]	373 W MADISON	41-52-54 = 41.8	087-38-53 = -87.6
000016603427326	Highway agency district 1	Owner City or Municipal Highway Agency [04]	Maintenance responsibility City or Municipal Highway Agency [04]		
Route 1419	MADISON ST	Toll On free road [3]	Features intersected S BR CHICAGO RIV		
Design - main Steel [3]	Design - approach Steel [3]	Kilometerpoint 1963 km = 1217.1 mi	Year built 1922	Year reconstructed 1994	
1	Movable - Bascule [16]	3	Stringer/Multi-beam or girder [02]	Skew angle 0	Structure Flared
				Historical significance	Bridge is possibly eligible for the NRHP. [3]
Total length 86.3 m = 283.2 ft	Length of maximum span 67.4 m = 221.1 ft	Deck width, out-to-out 21.9 m = 71.9 ft	Bridge roadway width, curb-to-curb 11.6 m = 38.1 ft		
Inventory Route, Total Horizontal Clearance 11.5 m = 37.7 ft	Curb or sidewalk width - left 4 m = 13.1 ft	Curb or sidewalk width - right 4 m = 13.1 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	32.4 metric ton = 35.6 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	44.1 metric ton = 48.5 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	MS 18 / HS 20 [5]	

Functional Details

Average Daily Traffic Average daily truck traffi % Year Future average daily traffic Year

Road classification Lanes on structure Approach roadway width

Type of service on bridge Direction of traffic Bridge median

Parallel structure designation

Type of service under bridge Lanes under structure Navigation control

Navigation vertical clearanc Navigation horizontal clearance

Minimum navigation vertical clearance, vertical lift bridge Minimum vertical clearance over bridge roadway

Minimum lateral underclearance reference feature

Minimum lateral underclearance on right Minimum lateral underclearance on left

Minimum Vertical Underclearance Minimum vertical underclearance reference feature

Appraisal ratings - underclearances

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	Equal to present desirable criteria [8]
Condition ratings - superstructure	Very Good [8]	Appraisal ratings - roadway alignment	Better than present minimum criteria [7]
Condition ratings - substructure	Very Good [8]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Very Good [8]		
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	76
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inspected 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	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	September 2007 [0907]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	November 2007 [1107]
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	