

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]	100 S & 380 W	41-52-45 = 41.8	087-38-14 = -87.6
000016600127340	Highway agency district 1	Owner City or Municipal Highway Agency [04]	Maintenance responsibility	City or Municipal Highway Agency [04]	
Route 1421	ADAMS ST	Toll On free road [3]	Features intersected S BR CHICAGO RIV		
Design - main Steel [3]	Design - approach Steel [3]	Kilometerpoint 112.6 km = 69.8 mi	Year built 1927	Year reconstructed 1996	
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 76.2 m = 250.0 ft	Length of maximum span 60.7 m = 199.2 ft	Deck width, out-to-out 19.5 m = 64.0 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 3.4 m = 11.2 ft	Curb or sidewalk width - right 3.4 m = 11.2 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	24.3 metric ton = 26.7 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	32.4 metric ton = 35.6 tons
Bridge posting	00.1 - 09.9 % below [4]		Design Load	

### 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 minimum criteria [6]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Better than present minimum criteria [7]
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 protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel. [5]		
Appraisal ratings - water adequacy	Equal to present desirable criteria [8]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	68.5
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	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	