

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	Cook County	Chicago	829 W DIVISION	41.903333	-87.656944
16601526637	Highway agency district: 1	Owner City or Municipal Highway Agency	Maintenance responsibility City or Municipal Highway Agency		
Route 1394	DIVISION ST	Toll On free road	Features intersected N BR CHICAGO RIV CAN		
Design - main Steel	Design - approach Steel	Kilometerpoint 861.9	Year built 1903	Year reconstructed 1983	
1	Movable - Bascule	4	Stringer/Multi-beam or girder	Skew angle 54	Structure Flared
				Historical significance	Bridge is eligible for the NRHP.
Total length 242.1	Length of maximum span 149	Deck width, out-to-out 62	Bridge roadway width, curb-to-curb 36.1		
Inventory Route, Total Horizontal Clearance 19.4	Curb or sidewalk width - left 7.5	Curb or sidewalk width - right 7.5			
Deck structure type	Open Grating				
Type of wearing surface	Other				
Deck protection					
Type of membrane/wearing surface					

**Weight Limits**

Bypass, detour length 0.1	Method to determine inventory rating	Load Factor(LF)	Inventory rating 8.9
	Method to determine operating rating	Load Factor(LF)	Operating rating 14.9
Bridge posting		Design Load	MS 18 / HS 20

### 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

Posted for load

Appraisal ratings -  
structural

Basically intolerable requiring high priority of replacement

Condition ratings - superstructure

Serious

Appraisal ratings -  
roadway alignment

Somewhat better than minimum adequacy to tolerate being left in place as is

Condition ratings - substructure

Fair

Appraisal ratings -  
deck geometry

Basically intolerable requiring high priority of replacement

Condition ratings - deck

Serious

Scour

Bridge foundations determined to be stable for the assessed or calculated scour condition.

Channel and channel protection

Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel.

Appraisal ratings - water adequacy

Superior to present desirable criteria

Status evaluation

Structurally deficient

Pier or abutment protection

Sufficiency rating

0

Culverts

Not applicable. Used if structure is not a culvert.

Traffic safety features - railings

Traffic safety features - transitions

Traffic safety features - approach guardrail

Traffic safety features - approach guardrail ends

Inspection date

Oct-07

Designated inspection frequency

24

Months

Underwater inspection

Unknown

Underwater inspection date

Sep-04

Fracture critical inspection

Not needed

Fracture critical inspection date

Other special inspection

Not needed

Other special inspection date