

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]	309 N STATE P	41-53-16 = 41.8	087-37-40 = -87.6
000016604827322	Highway agency district 1	Owner City or Municipal Highway Agency [04]	Maintenance responsibility	City or Municipal Highway Agency [04]	
Route 2907	STATE ST	Toll On free road [3]	Features intersected MAIN BR CHICAGO RIV		
Design - main Steel [3]	Design - approach Steel [3]	Kilometerpoint 180.2 km = 111.7 mi	Year built 1949	Year reconstructed N/A [0000]	
1	Movable - Bascule [16]	5	Stringer/Multi-beam or girder [02]	Skew angle 0	Structure Flared
		Historical significance Bridge is not eligible for the NRHP. [5]			
Total length 93.6 m = 307.1 ft	Length of maximum span 74.7 m = 245.1 ft	Deck width, out-to-out 32.9 m = 107.9 ft	Bridge roadway width, curb-to-curb 21.9 m = 71.9 ft		
Inventory Route, Total Horizontal Clearance 10.9 m = 35.8 ft	Curb or sidewalk width - left 3.5 m = 11.5 ft	Curb or sidewalk width - right 3.5 m = 11.5 ft			
Deck structure type	Closed Grating [4]				
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	10700	Average daily truck traffi	22	%	Year	2006	Future average daily traffic	17880	Year	2021	
Road classification	Collector (Urban) [17]		Lanes on structure	6		Approach roadway width	25 m = 82.0 ft				
Type of service on bridge	Highway [1]		Direction of traffic	2 - way traffic [2]		Bridge median	Closed median with non-mountable bar				
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	6.4 m = 21.0 ft			Navigation horizontal clearance	60.9 m = 199.8 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	2334000	Roadway improvement cost	233000						
	Length of structure improvement	103 m = 337.9 ft		Total project cost	3501000					
	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

Fair [5]

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 corrective action [3]

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

67.5

Culverts

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

Traffic safety features - railings

Traffic safety features - transitions

Traffic safety features - approach guardrail

Traffic safety features - approach guardrail ends

Inspection date

November 2008 [1108]

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