

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	301 W 18TH ST	41.8575	-87.635556
16601727332	Highway agency district: 1	Owner City or Municipal Highway Agency	Maintenance responsibility City or Municipal Highway Agency		
Route 1450	18TH ST	Toll On free road	Features intersected S BR CHICAGO RIVER		
Design - main Steel	Design - approach Steel	Kilometerpoint 55.9	Year built 1967	Year reconstructed N/A	
1 Movable - Bascule	1 Stringer/Multi-beam or girder	Skew angle 0	Structure Flared		
		Historical significance	Bridge is not eligible for the NRHP.		
Total length 279.9	Length of maximum span 182.1	Deck width, out-to-out 74.2	Bridge roadway width, curb-to-curb 47.9		
Inventory Route, Total Horizontal Clearance 49.9	Curb or sidewalk width - left 6.9	Curb or sidewalk width - right 6.9			
Deck structure type	Open Grating				
Type of wearing surface	Other				
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 0	Method to determine inventory rating	Allowable Stress(AS)	Inventory rating	35.6
	Method to determine operating rating	Allowable Stress(AS)	Operating rating	48.5
Bridge posting	Equal to or above legal loads	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	<input type="text" value="Open, no restriction"/>	Appraisal ratings - structural	<input type="text" value="Meets minimum tolerable limits to be left in place as is"/>
Condition ratings - superstructure	<input type="text" value="Poor"/>	Appraisal ratings - roadway alignment	<input type="text" value="Equal to present desirable criteria"/>
Condition ratings - substructure	<input type="text" value="Good"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of replacement"/>
Condition ratings - deck	<input type="text" value="Serious"/>		

Scour	<input type="text" value="Bridge foundations determined to be stable for the assessed or calculated scour condition."/>
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Channel and channel protection	<input type="text" value="Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly."/>
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Appraisal ratings - water adequacy	<input type="text" value="Superior to present desirable criteria"/>	Status evaluation	<input type="text" value="Structurally deficient"/>
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Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="49"/>
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Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert."/>
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Traffic safety features - railings	<input type="text"/>
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Traffic safety features - transitions	<input type="text" value="Not applicable or a safety feature is not required."/>
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Traffic safety features - approach guardrail	<input type="text" value="Not applicable or a safety feature is not required."/>
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Traffic safety features - approach guardrail ends	<input type="text" value="Not applicable or a safety feature is not required."/>
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Inspection date	<input type="text" value="Oct-08"/>	Designated inspection frequency	<input type="text" value="24"/>	Months
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Underwater inspection	<input type="text" value="Unknown"/>	Underwater inspection date	<input type="text" value="Aug-04"/>
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Fracture critical inspection	<input type="text" value="Not needed"/>	Fracture critical inspection date	<input type="text"/>
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Other special inspection	<input type="text" value="Not needed"/>	Other special inspection date	<input type="text"/>
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