

HistoricBridges.org - National Bridge Inventory Data Sheet

2009 Inventory

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	230 W. ROOSEVELT RD.	41.867222	-87.635278
16604726651	Highway agency district: 1	Owner City or Municipal Highway Agency	Maintenance responsibility City or Municipal Highway Agency		
Route 347		ROOSEVELT RD	Toll On free road	Features intersected S BR CHICAGO RIVER	
Design - main 1	Steel	Design - approach 2	Steel	Kilometerpoint 1471.4	
	Movable - Bascule		Stringer/Multi-beam or girder	Year built 1928	Year reconstructed 1994
				Skew angle 0	Structure Flared
				Historical significance	Bridge is not eligible for the NRHP.
Total length 257.6	Length of maximum span 204.1	Deck width, out-to-out 89.9	Bridge roadway width, curb-to-curb 71.9		
Inventory Route, Total Horizontal Clearance 35.8	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	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	<input type="text" value="37000"/>	Average daily truck traffi	<input type="text" value="6"/>	%	Year	<input type="text" value="2007"/>	Future average daily traffic	<input type="text" value="35505"/>	Year	<input type="text" value="2021"/>
Road classification	<input type="text" value="Other Principal Arterial (Urban)"/>		Lanes on structure	<input type="text" value="6"/>		Approach roadway width	<input type="text" value="84"/>			
Type of service on bridge	<input type="text" value="Highway"/>		Direction of traffic	<input type="text" value="2 - way traffic"/>		Bridge median	<input type="text" value="Closed median with non-mountable barr"/>			
Parallel structure designation	<input type="text" value="No parallel structure exists."/>									
Type of service under bridge	<input type="text" value="Waterway"/>		Lanes under structure	<input type="text" value="0"/>		Navigation control	<input type="text" value="Navigation control on waterway (bridge permit required)."/>			
Navigation vertical clearanc	<input type="text" value="24.9"/>		Navigation horizontal clearance	<input type="text" value="157.8"/>						
Minimum navigation vertical clearance, vertical lift bridge	<input type="text"/>					Minimum vertical clearance over bridge roadway	<input type="text" value="Unlimited"/>			
Minimum lateral underclearance reference feature	<input type="text" value="Feature not a highway or railroad"/>									
Minimum lateral underclearance on right	<input type="text" value="N/A"/>					Minimum lateral underclearance on left	<input type="text" value="N/A"/>			
Minimum Vertical Underclearance	<input type="text" value="N/A"/>		Minimum vertical underclearance reference feature	<input type="text" value="Feature not a highway or railroad"/>						
Appraisal ratings - underclearances	<input type="text" value="N/A"/>									

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="Better than present minimum criteria"/>
Condition ratings - superstructure	<input type="text" value="Good"/>	Appraisal ratings - roadway alignment	<input type="text" value="Equal to present desirable criteria"/>
Condition ratings - substructure	<input type="text" value="Very Good"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of corrective action"/>
Condition ratings - deck	<input type="text" value="Good"/>		
Scour	<input type="text" value="Bridge foundations determined to be stable for the assessed or calculated scour condition."/>		
Channel and channel protection	<input type="text" value="Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift."/>		
Appraisal ratings - water adequacy	<input type="text" value="Superior to present desirable criteria"/>	Status evaluation	<input type="text" value="Functionally obsolete"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="84.1"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert."/>		
Traffic safety features - railings	<input type="text" value="Inspected feature meets currently acceptable standards."/>		
Traffic safety features - transitions	<input type="text" value="Not applicable or a safety feature is not required."/>		
Traffic safety features - approach guardrail	<input type="text" value="Not applicable or a safety feature is not required."/>		
Traffic safety features - approach guardrail ends	<input type="text" value="Not applicable or a safety feature is not required."/>		
Inspection date	<input type="text" value="Nov-07"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Unknown"/>	Underwater inspection date	<input type="text" value="Nov-07"/>
Fracture critical inspection	<input type="text" value="Not needed"/>	Fracture critical inspection date	<input type="text"/>
Other special inspection	<input type="text" value="Not needed"/>	Other special inspection date	<input type="text"/>