

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	847 N HALSTED ST P5C	41.897778	-87.647778
16602326798	Highway agency district: 1	Owner City or Municipal Highway Agency	Maintenance responsibility City or Municipal Highway Agency		
Route 3730	HALSTED ST	Toll On free road	Features intersected N BR CHICAGO RIVER		
Design - main Steel	Design - approach Steel	Kilometerpoint 387.1	Year built 1955	Year reconstructed N/A	
1	Movable - Bascule	4	Stringer/Multi-beam or girder	Skew angle 0	Structure Flared
			Historical significance Bridge is not eligible for the NRHP.		
Total length 267.1	Length of maximum span 153.9	Deck width, out-to-out 65.9	Bridge roadway width, curb-to-curb 45.9		
Inventory Route, Total Horizontal Clearance 45.9	Curb or sidewalk width - left 9.8	Curb or sidewalk width - right 9.8			
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	16600	Average daily truck traffi	14	%	Year	2006	Future average daily traffic	25245	Year	2021
Road classification	Minor Arterial (Urban)	Lanes on structure	4		Approach roadway width	45.9				
Type of service on bridge	Highway	Direction of traffic	2 - way traffic		Bridge median					
Parallel structure designation	No parallel structure exists.									
Type of service under bridge	Waterway	Lanes under structure	0		Navigation control	Navigation control on waterway (bridge permit required).				
Navigation vertical clearanc	22	Navigation horizontal clearance	128.9							
Minimum navigation vertical clearance, vertical lift bridge		Minimum vertical clearance over bridge roadway	Unlimited							
Minimum lateral underclearance reference feature	Feature not a highway or railroad									
Minimum lateral underclearance on right	N/A	Minimum lateral underclearance on left	N/A							
Minimum Vertical Underclearance	N/A	Minimum vertical underclearance reference feature	Feature not a highway or railroad							
Appraisal ratings - underclearances	N/A									

Repair and Replacement Plans

Type of work to be performed	Work done by	Work to be done by contract								
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry.	Bridge improvement cost	1598	Roadway improvement cost	160						
	Length of structure improvement	294	Total project cost	2397						
	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="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="Structurally deficient"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="47.3"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert."/>		
Traffic safety features - railings	<input type="text"/>		
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="Oct-07"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Unknown"/>	Underwater inspection date	<input type="text" value="Oct-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"/>