

# 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	2400 N & 301 W	41.926111	-87.631111
16618804020	Highway agency district: 1	Owner City or Municipal Highway Agency	Maintenance responsibility City or Municipal Highway Agency		
Route 41		LAKE SHORE DRIVE	Toll On free road	Features intersected FULLERTON AVENUE	
Design - main	Steel	Design - approach		Kilometerpoint 1777.7	
1	Frame	0	Other	Year built 1940	Year reconstructed N/A
				Skew angle 0	Structure Flared
				Historical significance	Bridge is eligible for the NRHP.
Total length 72.8	Length of maximum span 65.9	Deck width, out-to-out 105.6	Bridge roadway width, curb-to-curb 100.1		
Inventory Route, Total Horizontal Clearance 49.2	Curb or sidewalk width - left 0	Curb or sidewalk width - right 0			
Deck structure type	Concrete Cast-in-Place				
Type of wearing surface	Monolithic Concrete (concurrently placed with structural deck)				
Deck protection	Epoxy Coated Reinforcing				
Type of membrane/wearing surface					

## Weight Limits

Bypass, detour length	Method to determine inventory rating	Allowable Stress(AS)	Inventory rating	35.6
0	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	148500	Average daily truck traffi	1	%	Year	2007	Future average daily traffic	233145	Year	2021
Road classification	Other Principal Arterial (Urban)		Lanes on structure	8		Approach roadway width	100.1			
Type of service on bridge	Highway		Direction of traffic	2 - way traffic		Bridge median	Closed median with non-mountable barr			
Parallel structure designation	No parallel structure exists.									
Type of service under bridge	Highway, with or without ped		Lanes under structure	4		Navigation control	Not applicable, no waterway.			
Navigation vertical clearanc	N/A		Navigation horizontal clearance	N/A						
Minimum navigation vertical clearance, vertical lift bridge						Minimum vertical clearance over bridge roadway	Unlimited			
Minimum lateral underclearance reference feature	Highway beneath structure									
Minimum lateral underclearance on right	11.2					Minimum lateral underclearance on left	11.2			
Minimum Vertical Underclearance	140.1		Minimum vertical underclearance reference feature	Highway beneath structure						
Appraisal ratings - underclearances	Meets minimum tolerable limits to be left in place as is									

### Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost

0

Roadway improvement cost

0

Length of structure improvement

0

Total project cost

0

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="Equal to present minimum criteria"/>
Condition ratings - superstructure	<input type="text" value="Satisfactory"/>	Appraisal ratings - roadway alignment	<input type="text" value="Equal to present desirable criteria"/>
Condition ratings - substructure	<input type="text" value="Satisfactory"/>	Appraisal ratings - deck geometry	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is"/>
Condition ratings - deck	<input type="text" value="Satisfactory"/>		
Scour	<input type="text" value="Bridge not over waterway."/>		
Channel and channel protection	<input type="text" value="Not applicable."/>		
Appraisal ratings - water adequacy	<input type="text" value="N/A"/>	Status evaluation	<input type="text"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="97"/>
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="Inspected feature meets currently acceptable standards."/>		
Traffic safety features - approach guardrail	<input type="text" value="Inspected feature meets currently acceptable standards."/>		
Traffic safety features - approach guardrail ends	<input type="text" value="Inspected feature meets currently acceptable standards."/>		
Inspection date	<input type="text" value="Aug-08"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Not needed"/>	Underwater inspection date	<input type="text"/>
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"/>