

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 4800 N & 700 W 41.969167 -87.647778
 16618304014 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 LAWRENCE AVE
 Design - main Concrete Design - approach Concrete Kilometerpoint 2094.9
 1 Tee beam 2 Slab Year built 1933 Year reconstructed N/A
 Skew angle 0 Structure Flared
 Historical significance Bridge is eligible for the NRHP.
 Total length 96.1 Length of maximum span 55.8 Deck width, out-to-out 129.9 Bridge roadway width, curb-to-curb 124
 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 Integral Concrete (separate non-modified layer of concrete added to structural deck)
 Deck protection Unknown
 Type of membrane/wearing surface Unknown

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 M 18 / H 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

Open, would be posted or closed except for temporary shoring

Appraisal ratings - structural

Basically intolerable requiring high priority of corrective action

Condition ratings - superstructure

Serious

Appraisal ratings - roadway alignment

Equal to present desirable criteria

Condition ratings - substructure

Satisfactory

Appraisal ratings - deck geometry

Superior to present desirable criteria

Condition ratings - deck

Satisfactory

Scour

Bridge not over waterway.

Channel and channel protection

Not applicable.

Appraisal ratings - water adequacy

N/A

Status evaluation

Structurally deficient

Pier or abutment protection

Sufficiency rating

40.7

Culverts

Not applicable. Used if structure is not a culvert.

Traffic safety features - railings

Traffic safety features - transitions

Traffic safety features - approach guardrail

Traffic safety features - approach guardrail ends

Inspection date

Aug-08

Designated inspection frequency

24

Months

Underwater inspection

Not needed

Underwater inspection date

Fracture critical inspection

Not needed

Fracture critical inspection date

Other special inspection

Not needed

Other special inspection date