

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 [17] Cook County [031] Chicago [14000] 3331 E. 92ND STREET 41-43-39 = 41.7 087-32-30 = -87.5

000016603726629 Highway agency district 1 Owner City or Municipal Highway Agency [04] Maintenance responsibility City or Municipal Highway Agency [04]

Route 41 EWING AVE(US-41) Toll On free road [3] Features intersected CALUMET RIVER

Design - main Steel [3] Design - approach Steel [3] Kilometerpoint 342.7 km = 212.5 mi

1 Movable - Bascule [16] 4 Stringer/Multi-beam or girder [02] Year built 1914 Year reconstructed 1992

Skew angle 0 Structure Flared

Historical significance Bridge is not eligible for the NRHP. [5]

Total length 103 m = 337.9 ft Length of maximum span 69.5 m = 228.0 ft Deck width, out-to-out 18.3 m = 60.0 ft Bridge roadway width, curb-to-curb 11 m = 36.1 ft

Inventory Route, Total Horizontal Clearance 10.9 m = 35.8 ft Curb or sidewalk width - left 2.6 m = 8.5 ft Curb or sidewalk width - right 2.6 m = 8.5 ft

Deck structure type Open Grating [3]

Type of wearing surface Other [9]

Deck protection

Type of membrane/wearing surface

Weight Limits

Bypass, detour length 0.1 km = 0.1 mi Method to determine inventory rating Allowable Stress(AS) [2] Inventory rating 32.4 metric ton = 35.6 tons

Method to determine operating rating Allowable Stress(AS) [2] Operating rating 44.1 metric ton = 48.5 tons

Bridge posting Equal to or above legal loads [5] Design Load MS 18 / HS 20 [5]

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, no restriction [A]	Appraisal ratings - structural	Equal to present minimum criteria [6]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Good [7]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8]		
Appraisal ratings - water adequacy	Superior to present desirable criteria [9]	Status evaluation	
Pier or abutment protection		Sufficiency rating	87.6
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - transitions	Not applicable or a safety feature is not required. [N]		
Traffic safety features - approach guardrail	Not applicable or a safety feature is not required. [N]		
Traffic safety features - approach guardrail ends	Not applicable or a safety feature is not required. [N]		
Inspection date	November 2007 [1107]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	July 2009 [0709]
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	