

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	2800 N & 100 E	41.931667	-87.631667
16619227257	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 DIVERSEY HARBOR INLT		
Design - main Steel	Design - approach	Kilometerpoint 1822.6	Year built 1940	Year reconstructed N/A	
1	Frame	0	Other	Skew angle 0	Structure Flared
				Historical significance	Bridge is eligible for the NRHP.
Total length 68.6	Length of maximum span 68.6	Deck width, out-to-out 115.5	Bridge roadway width, curb-to-curb 91.9		
Inventory Route, Total Horizontal Clearance 49.9	Curb or sidewalk width - left 0	Curb or sidewalk width - right 8.9			
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	Built-up				

Weight Limits

Bypass, detour length 0	Method to determine inventory rating	Allowable Stress(AS)	Inventory rating	26.7
	Method to determine operating rating	Allowable Stress(AS)	Operating rating	36.6
Bridge posting	Equal to or above legal loads		Design Load	MS 13.5 / HS 15

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

Appraisal ratings -
structural

Equal to present minimum criteria

Condition ratings - superstructure

Satisfactory

Appraisal ratings -
roadway alignment

Equal to present desirable criteria

Condition ratings - substructure

Good

Appraisal ratings -
deck geometry

Basically intolerable requiring high priority of replacement

Condition ratings - deck

Good

Scour

Bridge foundations determined to be stable for the assessed or calculated scour condition.

Channel and channel protection

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

Better than present minimum criteria

Status evaluation

Functionally obsolete

Pier or abutment protection

Sufficiency rating

73.5

Culverts

Not applicable. Used if structure is not a culvert.

Traffic safety features - railings

Inspected feature meets currently acceptable standards.

Traffic safety features - transitions

Inspected feature meets currently acceptable standards.

Traffic safety features - approach guardrail

Inspected feature meets currently acceptable standards.

Traffic safety features - approach guardrail ends

Inspected feature meets currently acceptable standards.

Inspection date

Oct-07

Designated inspection frequency

24

Months

Underwater inspection

Unknown

Underwater inspection date

Nov-07

Fracture critical inspection

Not needed

Fracture critical inspection date

Other special inspection

Not needed

Other special inspection date