

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]	VIAD, CALUMET RV	41-42-56 = 41.7	087-32-22 = -87.5
000016641905692	Highway agency district 1	Owner City or Municipal Highway Agency [04]	Maintenance responsibility	City or Municipal Highway Agency [04]	
Route 90	I-90 SKYWAY	Toll On toll road [2]	Features intersected CALUMET RIVER		
Design - main Steel continuous [4]	Design - approach	Kilometerpoint 17160 km = 10639.2 mi	Year built 1958	Year reconstructed 2003	
3 Truss - Thru [10]	0 Other [00]	Skew angle 0	Structure Flared		
		Historical significance Bridge is not eligible for the NRHP. [5]			
Total length 396.8 m = 1301.9 ft	Length of maximum span 198.1 m = 650.0 ft	Deck width, out-to-out 25.3 m = 83.0 ft	Bridge roadway width, curb-to-curb 23.6 m = 77.4 ft		
Inventory Route, Total Horizontal Clearance 11.8 m = 38.7 ft	Curb or sidewalk width - left 0 m = 0.0 ft	Curb or sidewalk width - right 0 m = 0.0 ft			
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Latex Concrete or similar additive [3]				
Deck protection	Epoxy Coated Reinforcing [1]				
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 0.6 km = 0.4 mi	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	32.4 metric ton = 35.6 tons
	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	54 metric ton = 59.4 tons
Bridge posting	Equal to or above legal loads [5]		Design Load	MS 18 / HS 20 [5]

Functional Details

Average Daily Traffic	47900	Average daily truck traffi	11	%	Year	2009	Future average daily traffic	54000	Year	2024
Road classification	Principal Arterial - Interstate (Urban) [11]		Lanes on structure	6		Approach roadway width	23.6 m = 77.4 ft			
Type of service on bridge	Highway [1]		Direction of traffic	2 - way traffic [2]		Bridge median	Closed median with non-mountable bar			
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Waterway [5]		Lanes under structure	0		Navigation control	Navigation control on waterway (bridge permit required). [1]			
Navigation vertical clearanc	38.1 m = 125.0 ft			Navigation horizontal clearance	60.9 m = 199.8 ft					
Minimum navigation vertical clearance, vertical lift bridge				Minimum vertical clearance over bridge roadway	5.49 m = 18.0 ft					
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]									
Minimum lateral underclearance on right	0 = N/A				Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	0 = N/A			Minimum vertical underclearance reference feature	Feature not a highway or railroad [N]					
Appraisal ratings - underclearances	N/A [N]									

Repair and Replacement Plans

Type of work to be performed	Work done by	Work to be done by contract [1]								
Widening of existing bridge with deck rehabilitation or replacement. [34]	Bridge improvement cost	5710000	Roadway improvement cost	571000						
	Length of structure improvement	397.2 m = 1303.2 ft		Total project cost	8565000					
	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

Somewhat better than minimum adequacy to tolerate being left in place as is [5]

Condition ratings - superstructure

Fair [5]

Appraisal ratings -
roadway alignment

Equal to present desirable criteria [8]

Condition ratings - substructure

Fair [5]

Appraisal ratings -
deck geometry

Meets minimum tolerable limits to be left in place as is [4]

Condition ratings - deck

Very Good [8]

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

67

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

October 2008 [1008]

Designated inspection frequency

24

Months

Underwater inspection

Unknown [Y60]

Underwater inspection date

December 2008 [1208]

Fracture critical inspection

Every two years [Y24]

Fracture critical inspection date

October 2007 [1007]

Other special inspection

Not needed [N]

Other special inspection date