

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.  
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**Basic Information**

Illinois [17]	Cook County [031]	Chicago [14000]	622 W CHGO AVE P5C	41-53-47 = 41.8	087-38-40 = -87.6
000016600826624	Highway agency district 1	Owner City or Municipal Highway Agency [04]	Maintenance responsibility	City or Municipal Highway Agency [04]	
Route 1398	CHICAGO AVE	Toll On free road [3]	Features intersected N BR CHICAGO RIVER		
Design - main Steel [3]	Design - approach Steel [3]	Kilometerpoint 1755.4 km = 1088.3 mi	Year built 1914	Year reconstructed N/A [0000]	
1	Movable - Bascule [16]	4	Stringer/Multi-beam or girder [02]	Skew angle 0	Structure Flared
		Historical significance Bridge is not eligible for the NRHP. [5]			
Total length 88.7 m = 291.0 ft	Length of maximum span 57.6 m = 189.0 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 0.3 km = 0.2 mi	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	15.3 metric ton = 16.8 tons
	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	26.1 metric ton = 28.7 tons
Bridge posting	00.1 - 09.9 % below [4]		Design Load	

### Functional Details

Average Daily Traffic	22300	Average daily truck traffi	16	%	Year	2006	Future average daily traffic	18090	Year	2021
Road classification	Minor Arterial (Urban) [16]		Lanes on structure	4		Approach roadway width	11 m = 36.1 ft			
Type of service on bridge	Highway [1]		Direction of traffic	2 - way traffic [2]		Bridge median				
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	4.8 m = 15.7 ft		Navigation horizontal clearance	41.1 m = 134.8 ft						
Minimum navigation vertical clearance, vertical lift bridge			Minimum vertical clearance over bridge roadway	99.99 m = 328.1 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]							
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	947000	Roadway improvement cost	95000						
	Length of structure improvement	97.5 m = 319.9 ft		Total project cost	1421000					
	Year of improvement cost estimate									
	Border bridge - state				Border bridge - percent responsibility of other state					
	Border bridge - structure number									

## Inspection and Sufficiency

Structure status	Posted for load [P]	Appraisal ratings - structural	Basically intolerable requiring high priority of replacement [2]
Condition ratings - superstructure	Poor [4]	Appraisal ratings - roadway alignment	Better than present minimum criteria [7]
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Poor [4]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	There are no noticeable or noteworthy deficiencies which affect the condition of the channel. [9]		
Appraisal ratings - water adequacy	Superior to present desirable criteria [9]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	11
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	September 2007 [0907]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	June 2009 [0609]
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	