

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]	302 N. FRANKLIN ST.	41-53-16 = 41.8	087-38-10 = -87.6
000016602027330	Highway agency district 1	Owner City or Municipal Highway Agency [04]	Maintenance responsibility City or Municipal Highway Agency [04]		
Route 2889	FRANKLIN-ORLEANS S	Toll On free road [3]	Features intersected MAIN BR CHICAGO RIV		
Design - main Steel [3]	Design - approach Steel [3]	Kilometerpoint 177 km = 109.7 mi	Year built 1920	Year reconstructed 2002	
1 Movable - Bascule [16]	5 Stringer/Multi-beam or girder [02]	Skew angle 0	Structure Flared		
		Historical significance	Bridge is possibly eligible for the NRHP. [3]		
Total length 97.5 m = 319.9 ft	Length of maximum span 76.8 m = 252.0 ft	Deck width, out-to-out 17.7 m = 58.1 ft	Bridge roadway width, curb-to-curb 11.6 m = 38.1 ft		
Inventory Route, Total Horizontal Clearance 11.2 m = 36.7 ft	Curb or sidewalk width - left 2.5 m = 8.2 ft	Curb or sidewalk width - right 2.5 m = 8.2 ft			
Deck structure type	Closed Grating [4]				
Type of wearing surface	Other [9]				
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 0 km = 0.0 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	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	17000	Average daily truck traffi	14	%	Year	2006	Future average daily traffic	23520	Year	2021
Road classification	Collector (Urban) [17]		Lanes on structure	4		Approach roadway width	11.3 m = 37.1 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	5.7 m = 18.7 ft		Navigation horizontal clearance	57.9 m = 190.0 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	1070000	Roadway improvement cost	107000						
	Length of structure improvement	107.3 m = 352.1 ft		Total project cost	1605000					
	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	Better than present minimum criteria [7]
Condition ratings - superstructure	Good [7]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Good [7]		
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	
Pier or abutment protection		Sufficiency rating	76
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
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	November 2007 [1107]
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	