

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]	Bureau County [011]	Hall [32265]	0.91 MI S OF US 6	41-18-51 = 41.3	089-11-59 = -89.1
78000617371	Highway agency district 3	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 89	ILL 89FAP 698	Toll On free road [3]	Features intersected ILLINOIS RIVER		
Design - main Steel [3]	Design - approach Steel continuous [4]	Kilometerpoint 6276.7 km = 3891.6 mi	Year built 1934	Year reconstructed 1989	
1 Truss - Thru [10]	18 Other [00]	Skew angle 0	Structure Flared		
		Historical significance	Bridge is not eligible for the NRHP. [5]		
Total length 541.2 m = 1775.7 ft	Length of maximum span 111 m = 364.2 ft	Deck width, out-to-out 7.1 m = 23.3 ft	Bridge roadway width, curb-to-curb 6.9 m = 22.6 ft		
Inventory Route, Total Horizontal Clearance 6.9 m = 22.6 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	Monolithic Concrete (concurrently placed with structural deck) [1]				
Deck protection	Epoxy Coated Reinforcing [1]				
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 1.8 km = 1.1 mi	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	25.2 metric ton = 27.7 tons
	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	41.4 metric ton = 45.5 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	MS 18 / HS 20 [5]	

Functional Details

Average Daily Traffic	5650	Average daily truck traffi	5	%	Year	2011	Future average daily traffic	6175	Year	2032
Road classification	Minor Arterial (Rural) [06]		Lanes on structure	2		Approach roadway width	12.2 m = 40.0 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	13.4 m = 44.0 ft			Navigation horizontal clearance	107.8 m = 353.7 ft					
Minimum navigation vertical clearance, vertical lift bridge				Minimum vertical clearance over bridge roadway	4.62 m = 15.2 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	6371000	Roadway improvement cost	637000						
	Length of structure improvement	541.3 m = 1776.0 ft		Total project cost	9557000					
	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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Poor [4]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Satisfactory [6]	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 assessed or calculated scour condition. [5]		
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	Equal to present desirable criteria [8]	Status evaluation	Structurally deficient [1]
Pier or abutment protection	Navigation protection not required [1]	Sufficiency rating	35.3
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	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends			
Inspection date	July 2011 [0711]	Designated inspection frequency	12 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	July 2011 [0711]
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	July 2011 [0711]
Other special inspection	Not needed [N]	Other special inspection date	