

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] Tazewell County [179] Peoria [59000] CEDAR ST AT PEORIA 40-40-50 = 40.6 089-36-14 = -89.6

90003019685 Highway agency district 4 Owner State Highway Agency [01] Maintenance responsibility State Highway Agency [01]

Route 8 ILL 8-29-116 Toll On free road [3] Features intersected ILLINOIS RIVER

Design - main Steel continuous [4] Design - approach Concrete [1] Kilometerpoint 5427.2 km = 3364.9 mi

34 Truss - Thru [10] 4 Other [00] Year built 1932 Year reconstructed #Num!

Skew angle 0 Structure Flared

Historical significance Bridge is eligible for the NRHP. [2]

Total length 1143 m = 3750.2 ft Length of maximum span 90.2 m = 295.9 ft Deck width, out-to-out 15.9 m = 52.2 ft Bridge roadway width, curb-to-curb 15 m = 49.2 ft

Inventory Route, Total Horizontal Clearance 14.9 m = 48.9 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 0.3 km = 0.2 mi Method to determine inventory rating Load Factor(LF) [1] Inventory rating 35.1 metric ton = 38.6 tons

Method to determine operating rating Load Factor(LF) [1] Operating rating 53.1 metric ton = 58.4 tons

Bridge posting Equal to or above legal loads [5] Design Load M 18 / H 20 [4]

Functional Details

Average Daily Traffic	11000	Average daily truck traffi	6	%	Year	2011	Future average daily traffic	11682	Year	2032
Road classification	Other Principal Arterial (Urban) [14]		Lanes on structure	4		Approach roadway width	15.8 m = 51.8 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	Railroad-waterway [7]		Lanes under structure	0		Navigation control	Navigation control on waterway (bridge permit required). [1]			
Navigation vertical clearanc	18.8 m = 61.7 ft			Navigation horizontal clearance	85.3 m = 279.9 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	Railroad beneath structure [R]									
Minimum lateral underclearance on right	2.7 m = 8.9 ft				Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	9.14 m = 30.0 ft			Minimum vertical underclearance reference feature	Railroad beneath structure [R]					
Appraisal ratings - underclearances	Meets minimum tolerable limits to be left in place as is [4]									

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	25889000	Roadway improvement cost	2589000		
	Length of structure improvement	1143 m = 3750.2 ft		Total project cost	38834000	
	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	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - superstructure	Serious [3]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Satisfactory [6]		
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	Superior to present desirable criteria [9]	Status evaluation	Structurally deficient [1]
Pier or abutment protection	Navigation protection not required [1]	Sufficiency rating	28.4
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	Inspected feature meets currently acceptable standards. [1]		
Inspection date	June 2011 [0611]	Designated inspection frequency	12 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	June 2011 [0611]
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	June 2011 [0611]
Other special inspection	Not needed [N]	Other special inspection date	