

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] Kane County [089] Aurora [03012] 400 FT W ILL RTE 25 41-45-30 = 41.7 088-19-07 = -88.3

000045600527995 Highway agency district 1 Owner City or Municipal Highway Agency [04] Maintenance responsibility City or Municipal Highway Agency [04]

Route 2038 DOWNER PLACE Toll On free road [3] Features intersected FOX RIVER E. BRANCH

Design - main Concrete [1] Design - approach Other [00] Kilometerpoint 349.2 km = 216.5 mi

3 Arch - Deck [11] 0 Other [00] Year built 1924 Year reconstructed N/A [0000]

Skew angle 12 Structure Flared

Historical significance Bridge is possibly eligible for the NRHP. [3]

Total length 52.4 m = 171.9 ft Length of maximum span 18 m = 59.1 ft Deck width, out-to-out 22.1 m = 72.5 ft Bridge roadway width, curb-to-curb 10.7 m = 35.1 ft

Inventory Route, Total Horizontal Clearance 10.6 m = 34.8 ft Curb or sidewalk width - left 4.5 m = 14.8 ft Curb or sidewalk width - right 3.4 m = 11.2 ft

Deck structure type Concrete Cast-in-Place [1]

Type of wearing surface Bituminous [6]

Deck protection

Type of membrane/wearing surface

**Weight Limits**

Bypass, detour length 0.3 km = 0.2 mi Method to determine inventory rating Allowable Stress(AS) [2] Inventory rating 21.6 metric ton = 23.8 tons

Method to determine operating rating Allowable Stress(AS) [2] Operating rating 28.8 metric ton = 31.7 tons

Bridge posting 00.1 - 09.9 % below [4] Design Load

### Functional Details

Average Daily Traffic	3659	Average daily truck traffi	1	%	Year	1998	Future average daily traffic	3900	Year	2021
Road classification	Local (Urban) [19]		Lanes on structure	3		Approach roadway width	10.1 m = 33.1 ft			
Type of service on bridge	Highway [1]		Direction of traffic	1 - way traffic [1]		Bridge median				
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Waterway [5]		Lanes under structure	0		Navigation control				
Navigation vertical clearanc	0 = N/A		Navigation horizontal clearance	0 = N/A						
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	1317000	Roadway improvement cost	132000						
	Length of structure improvement	62.8 m = 206.0 ft		Total project cost	1976000					
	Year of improvement cost estimate									
	Border bridge - state				Border bridge - percent responsibility of other state					
	Border bridge - structure number									

## Inspection and Sufficiency

Structure status	<input type="text" value="Open, no restriction [A]"/>	Appraisal ratings - structural	<input type="text" value="Meets minimum tolerable limits to be left in place as is [4]"/>
Condition ratings - superstructure	<input type="text" value="Poor [4]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Equal to present desirable criteria [8]"/>
Condition ratings - substructure	<input type="text" value="Poor [4]"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of replacement [2]"/>
Condition ratings - deck	<input type="text" value="Fair [5]"/>		
Scour	<input type="text" value="Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]"/>		
Channel and channel protection	<input type="text" value="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	<input type="text" value="Superior to present desirable criteria [9]"/>	Status evaluation	<input type="text" value="Structurally deficient [1]"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="39.8"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text"/>		
Traffic safety features - transitions	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail ends	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Inspection date	<input type="text" value="May 2008 [0508]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Not needed [N]"/>	Underwater inspection date	<input type="text"/>
Fracture critical inspection	<input type="text" value="Not needed [N]"/>	Fracture critical inspection date	<input type="text"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>