

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]	Lake County [097]	Lake Forest [41105]	RINGWOOD AT SHERIDAN		42-14-02 = 42.2	087-49-35 = -87.8
49685828156	Highway agency district	1	Owner	City or Municipal Highway Agency [04]	Maintenance responsibility	City or Municipal Highway Agency [04]
Route	4060		RINGWOOD ROAD SOUT	Toll	On free road [3]	Features intersected
						RAVINE
Design - main	Concrete [1]	Design - approach		Kilometerpoint	56.3 km = 34.9 mi	
1	Arch - Deck [11]	0	Other [00]	Year built	1913	Year reconstructed
				Skew angle	0	Structure Flared
				Historical significance	Bridge is not eligible for the NRHP. [5]	
Total length	24.4 m = 80.1 ft	Length of maximum span	12.8 m = 42.0 ft	Deck width, out-to-out	8.2 m = 26.9 ft	Bridge roadway width, curb-to-curb
						5.8 m = 19.0 ft
Inventory Route, Total Horizontal Clearance	5.7 m = 18.7 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						
Type of membrane/wearing surface						

## Weight Limits

Bypass, detour length	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	6.3 metric ton = 6.9 tons
0 km = 0.0 mi	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	9 metric ton = 9.9 tons
	Bridge posting		Design Load	M 9 / H 10 [1]

### Functional Details

Average Daily Traffic	<input type="text" value="200"/>	Average daily truck traffi	<input type="text" value="1"/>	%	Year	<input type="text" value="2000"/>	Future average daily traffic	<input type="text" value="223"/>	Year	<input type="text" value="2032"/>
Road classification	<input type="text" value="Local (Urban) [19]"/>		Lanes on structure	<input type="text" value="2"/>		Approach roadway width	<input type="text" value="4.9 m = 16.1 ft"/>			
Type of service on bridge	<input type="text" value="Highway [1]"/>		Direction of traffic	<input type="text" value="2 - way traffic [2]"/>		Bridge median	<input type="text"/>			
Parallel structure designation	<input type="text" value="No parallel structure exists. [N]"/>									
Type of service under bridge	<input type="text" value="Waterway [5]"/>		Lanes under structure	<input type="text" value="0"/>		Navigation control	<input type="text"/>			
Navigation vertical clearanc	<input type="text" value="0 = N/A"/>		Navigation horizontal clearance	<input type="text" value="0 = N/A"/>						
Minimum navigation vertical clearance, vertical lift bridge	<input type="text"/>					Minimum vertical clearance over bridge roadway	<input type="text" value="99.99 m = 328.1 ft"/>			
Minimum lateral underclearance reference feature	<input type="text" value="Feature not a highway or railroad [N]"/>									
Minimum lateral underclearance on right	<input type="text" value="0 = N/A"/>					Minimum lateral underclearance on left	<input type="text" value="0 = N/A"/>			
Minimum Vertical Underclearance	<input type="text" value="0 = N/A"/>		Minimum vertical underclearance reference feature	<input type="text" value="Feature not a highway or railroad [N]"/>						
Appraisal ratings - underclearances	<input type="text" value="N/A [N]"/>									

### Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost

Roadway improvement cost

Length of structure improvement

Total project cost

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="Posted for load [P]"/>	Appraisal ratings - structural	<input type="text" value="Basically intolerable requiring high priority of corrective action [3]"/>
Condition ratings - superstructure	<input type="text" value="Poor [4]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Basically intolerable requiring high priority of corrective action [3]"/>
Condition ratings - substructure	<input type="text" value="Fair [5]"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of corrective action [3]"/>
Condition ratings - deck	<input type="text" value="Good [7]"/>		
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="Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]"/>		
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="18"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
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="November 2011 [1111]"/>	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"/>