

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

Indiana [18]	Elkhart County [039]	Goshen [28386]	0.4 km W. of SR 15	41-35-11 = 41.586389	085-50-28 = - 85.841111
2000174	Highway agency district 2	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 0	Lincoln Avenue	Toll On free road [3]	Features intersected	Elkhart River	
Design - main Concrete [1]	Design - approach	Kilometerpoint 0 km = 0.0 mi	Year built 1927	Year reconstructed 1982	
3 Arch - Deck [11]	0 Other [00]	Skew angle 20	Structure Flared		
		Historical significance	Bridge is eligible for the NRHP. [2]		
Total length 72.2 m = 236.9 ft	Length of maximum span 19.6 m = 64.3 ft	Deck width, out-to-out 18.1 m = 59.4 ft	Bridge roadway width, curb-to-curb	13.3 m = 43.6 ft	
Inventory Route, Total Horizontal Clearance 13.3 m = 43.6 ft	Curb or sidewalk width - left 1.7 m = 5.6 ft	Curb or sidewalk width - right	1.7 m = 5.6 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 0.2 km = 0.1 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	25.2 metric ton = 27.7 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	32.4 metric ton = 35.6 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	M 18 / H 20 [4]	

Functional Details

Average Daily Traffic	14820	Average daily truck traffi	6	%	Year	2008	Future average daily traffic	21520	Year	2028
Road classification	Minor Arterial (Urban) [16]		Lanes on structure	4		Approach roadway width	13.4 m = 44.0 ft			
Type of service on bridge	Highway-pedestrian [5]		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 vertical clearanc	0 = N/A		Navigation horizontal clearance	0 = N/A						
Minimum navigation vertical clearance, vertical lift bridge			Minimum vertical clearance over bridge roadway	32.68 m = 107.2 ft						
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]									
Minimum lateral underclearance on right	30.4 m = 99.7 ft				Minimum lateral underclearance on left	30.4 m = 99.7 ft				
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]		
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost	192000	Roadway improvement cost	192000		
	Length of structure improvement	72.2 m = 236.9 ft		Total project cost	384000	
	Year of improvement cost estimate	2007				
	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="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>
Condition ratings - superstructure	<input type="text" value="Satisfactory [6]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Equal to present desirable criteria [8]"/>
Condition ratings - substructure	<input type="text" value="Fair [5]"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of replacement [2]"/>
Condition ratings - deck	<input type="text" value="Satisfactory [6]"/>		

Scour	<input type="text" value="Bridge foundations determined to be stable for assessed or calculated scour condition. [5]"/>
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Channel and channel protection	<input type="text" value="Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly. [6]"/>
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Appraisal ratings - water adequacy	<input type="text" value="Better than present minimum criteria [7]"/>	Status evaluation	<input type="text" value="Functionally obsolete [2]"/>
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Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="58.3"/>
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Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>
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Traffic safety features - railings	<input type="text"/>
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Traffic safety features - transitions	<input type="text"/>
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Traffic safety features - approach guardrail	<input type="text"/>
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Traffic safety features - approach guardrail ends	<input type="text"/>
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Inspection date	<input type="text" value="November 2008 [1108]"/>	Designated inspection frequency	<input type="text" value="24"/>	Months
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Underwater inspection	<input type="text" value="Not needed [N]"/>	Underwater inspection date	<input type="text"/>
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Fracture critical inspection	<input type="text" value="Not needed [N]"/>	Fracture critical inspection date	<input type="text"/>
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Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>
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