

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**

Indiana [18]	Elkhart County [039]	Unknown [00000]	7.1 km N SR 13	41-30-30 = 41.508333	085-45-36 = - 85.760000
10970	Highway agency district 2	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 33	US 33	Toll On free road [3]	Features intersected	ELKHART RIVER	
Design - main Concrete continuous [2]	Design - approach	Kilometerpoint 1247 km = 773.1 mi	Year built 1953	Year reconstructed 1984	
6	Slab [01]	0 Other [00]	Skew angle 15	Structure Flared	
			Historical significance	Bridge is not eligible for the NRHP. [5]	
Total length 61.3 m = 201.1 ft	Length of maximum span 11.4 m = 37.4 ft	Deck width, out-to-out 11.2 m = 36.7 ft	Bridge roadway width, curb-to-curb	9.1 m = 29.9 ft	
Inventory Route, Total Horizontal Clearance 9.1 m = 29.9 ft	Curb or sidewalk width - left 0.6 m = 2.0 ft	Curb or sidewalk width - right	0.6 m = 2.0 ft		
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Latex Concrete or similar additive [3]				
Deck protection					
Type of membrane/wearing surface					

**Weight Limits**

Bypass, detour length 0.8 km = 0.5 mi	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	29.7 metric ton = 32.7 tons
	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	49.5 metric ton = 54.5 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	MS 18 / HS 20 [5]	

### Functional Details

Average Daily Traffic  Average daily truck traffi  % Year  Future average daily traffic  Year

Road classification  Lanes on structure  Approach roadway width

Type of service on bridge  Direction of traffic  Bridge median

Parallel structure designation

Type of service under bridge  Lanes under structure  Navigation control

Navigation vertical clearanc  Navigation horizontal clearance

Minimum navigation vertical clearance, vertical lift bridge  Minimum vertical clearance over bridge roadway

Minimum lateral underclearance reference feature

Minimum lateral underclearance on right  Minimum lateral underclearance on left

Minimum Vertical Underclearance  Minimum vertical underclearance reference feature

Appraisal ratings - underclearances

### 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	Open, no restriction [A]	Appraisal ratings - structural	Equal to present minimum criteria [6]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	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]		
Appraisal ratings - water adequacy	Better than present minimum criteria [7]	Status evaluation	
Pier or abutment protection		Sufficiency rating	75.2
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions			
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends			
Inspection date	October 2009 [1009]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	October 2006 [1006]
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	