

# HistoricBridges.org - National Bridge Inventory Data Sheet

2012 Inventory

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]	Elkhart [20728]	00.70 N OF SR 120	41-41-31 = 41.691944	085-58-33 = - 85.975833
2000202	Highway agency district 2	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 0		N MAIN ST	Toll On free road [3]	Features intersected ST. JOSEPH RIVER	
Design - main 3	Concrete [1] Arch - Deck [11]	Design - approach 0	Other [00]	Kilometerpoint 0 km = 0.0 mi	Year built 1927 Year reconstructed 1986
				Skew angle 27	Structure Flared
				Historical significance Bridge is eligible for the NRHP. [2]	
Total length	90.8 m = 297.9 ft	Length of maximum span	28 m = 91.9 ft	Deck width, out-to-out	23.9 m = 78.4 ft
Inventory Route, Total Horizontal Clearance	18.3 m = 60.0 ft	Curb or sidewalk width - left	2.3 m = 7.5 ft	Curb or sidewalk width - right	2.3 m = 7.5 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 0.2 km = 0.1 mi	Method to determine inventory rating	No rating analysis performed [5]	Inventory rating	32.4 metric ton = 35.6 tons
	Method to determine operating rating	No rating analysis performed [5]	Operating rating	40.5 metric ton = 44.6 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	

### Functional Details

Average Daily Traffic	16220	Average daily truck traffi	9	%	Year	2011	Future average daily traffic	27930	Year	2031
Road classification	Other Principal Arterial (Urban) [14]		Lanes on structure	5		Approach roadway width	18.3 m = 60.0 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	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

Bridge improvement cost

0

Roadway improvement cost

0

Length of structure improvement

0 m = 0.0 ft

Total project cost

0

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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Satisfactory [6]	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	Not Applicable [N]		
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	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	83.2
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			
Inspection date	November 2010 [1110]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	August 2011 [0811]
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	