

HistoricBridges.org - National Bridge Inventory Data Sheet

2000 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]	Hendricks County [063]	Unknown [00000]	800 S-700 E	J-2	39-38-24 = 39.640000	086-23-12 = - 86.386667
3200232	Highway agency district	1	Owner	County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]
Route	280		RD 800 S	Toll	On free road [3]	Features intersected
						WHITE LICK CREEK
Design - main	Steel [3]	Design - approach		Kilometerpoint	0 km = 0.0 mi	
1	Truss - Thru [10]	0	Other [00]	Year built	1886	Year reconstructed
						#Num!
				Skew angle	0	Structure Flared
				Historical significance	Bridge is possibly eligible for the NRHP. [3]	
Total length	52.4 m = 171.9 ft	Length of maximum span	50.9 m = 167.0 ft	Deck width, out-to-out	5 m = 16.4 ft	Bridge roadway width, curb-to-curb
						4.8 m = 15.7 ft
Inventory Route, Total Horizontal Clearance	4.7 m = 15.4 ft	Curb or sidewalk width - left	0 m = 0.0 ft	Curb or sidewalk width - right	0 m = 0.0 ft	
Deck structure type	Open Grating [3]					
Type of wearing surface	Other [9]					
Deck protection						
Type of membrane/wearing surface						

Weight Limits

Bypass, detour length	Method to determine inventory rating		Inventory rating	6.3 metric ton = 6.9 tons
0.6 km = 0.4 mi	Method to determine operating rating		Operating rating	8.1 metric ton = 8.9 tons
Bridge posting	20.0 - 29.9 % below [2]	Design Load		

Functional Details

Average Daily Traffic	0	Average daily truck traffi	7	%	Year	1996	Future average daily traffic	0	Year	2020
Road classification	Local (Rural) [09]		Lanes on structure	1		Approach roadway width	5.2 m = 17.1 ft			
Type of service on bridge	Highway [1]		Direction of traffic	One lane bridge for 2 - way traffic [3]		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	6.57 m = 21.6 ft						
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]									
Minimum lateral underclearance on right	99.9 = Unlimited					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]		
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost	2000	Roadway improvement cost	0
	Length of structure improvement	52.4 m = 171.9 ft	Total project cost	2000
	Year of improvement cost estimate	1998		
	Border bridge - state		Border bridge - percent responsibility of other state	
	Border bridge - structure number			

Inspection and Sufficiency

Structure status

Bridge closed to all traffic [K]

Appraisal ratings -
structural

Condition ratings - superstructure

Poor [4]

Appraisal ratings -
roadway alignment

Condition ratings - substructure

Satisfactory [6]

Appraisal ratings -
deck geometry

Condition ratings - deck

Good [7]

Scour

Bridge foundations determined to be stable for assessed or calculated scour condition. [5]

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

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

30.3

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

Traffic safety features - approach guardrail

Traffic safety features - approach guardrail ends

Inspection date

May 1998 [0598]

Designated inspection frequency

24

Months

Underwater inspection

Not needed [N]

Underwater inspection date

Fracture critical inspection

Not needed [N]

Fracture critical inspection date

Other special inspection

Not needed [N]

Other special inspection date