

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]	050 S-080 E	F-6	39-44-54 = 39.748333	086-32-36 = - 86.543333
3200137	Highway agency district	1	Owner	County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]
Route	154	RD 50 S	Toll	On free road [3]	Features intersected	W FORK WHITE LICK CREEK
Design - main	Steel [3]	Design - approach		Kilometerpoint	0 km = 0.0 mi	
1	Truss - Thru [10]	0	Other [00]	Year built	1906	Year reconstructed
				Skew angle	27	Structure Flared
				Historical significance	Bridge is possibly eligible for the NRHP. [3]	
Total length	46.6 m = 152.9 ft	Length of maximum span	45.7 m = 149.9 ft	Deck width, out-to-out	5 m = 16.4 ft	Bridge roadway width, curb-to-curb
Inventory Route, Total Horizontal Clearance	4.8 m = 15.7 ft	Curb or sidewalk width - left	0 m = 0.0 ft	Curb or sidewalk width - right	0 m = 0.0 ft	
Deck structure type	Wood or Timber [8]					
Type of wearing surface	Bituminous [6]					
Deck protection						
Type of membrane/wearing surface						

Weight Limits

Bypass, detour length	Method to determine inventory rating		Inventory rating	8.1 metric ton = 8.9 tons
0.6 km = 0.4 mi	Method to determine operating rating		Operating rating	9.9 metric ton = 10.9 tons
Bridge posting	20.0 - 29.9 % below [2]		Design Load	

Functional Details

Average Daily Traffic	0	Average daily truck traffi	10	%	Year	1996	Future average daily traffic	0	Year	2020
Road classification	Local (Rural) [09]		Lanes on structure	1		Approach roadway width	6.7 m = 22.0 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	4.62 m = 15.2 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	100000	Roadway improvement cost	0
	Length of structure improvement	46.6 m = 152.9 ft	Total project cost	100000
	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

Poor [4]

Scour

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

Channel and channel protection

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

Better than present minimum criteria [7]

Status evaluation

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

20.3

Culverts

Not applicable. Used if structure is not a culvert. [N]

Traffic safety features - railings

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

Basically intolerable requiring high priority of corrective action [3]

Equal to present minimum criteria [6]