

# HistoricBridges.org - National Bridge Inventory Data Sheet

2009 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]	Putnam County [133]	Unknown [00000]	0.6 km S of CR 125N	39-40-23 = 39.673056	086-50-36 = - 86.843333
6700126	Highway agency district 1	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 49		ROAD 25 EAST	Toll On free road [3]	Features intersected BIG WALNUT Cr	
Design - main	Steel [3]	Design - approach		Kilometerpoint	0 km = 0.0 mi
1	Truss - Thru [10]	0	Other [00]	Year built	1905
				Year reconstructed	#Num!
				Skew angle	0
				Structure Flared	
				Historical significance	Bridge is possibly eligible for the NRHP. [3]
Total length	49.3 m = 161.8 ft	Length of maximum span	48.7 m = 159.8 ft	Deck width, out-to-out	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	Wood or Timber [8]				
Type of wearing surface	Wood or Timber [7]				
Deck protection					
Type of membrane/wearing surface					

## Weight Limits

Bypass, detour length	Method to determine inventory rating	No rating analysis performed [5]	Inventory rating	0 metric ton = 0.0 tons
0.5 km = 0.3 mi	Method to determine operating rating	No rating analysis performed [5]	Operating rating	0 metric ton = 0.0 tons
	Bridge posting		Design Load	

### Functional Details

Average Daily Traffic	225	Average daily truck traffi	1	%	Year	2007	Future average daily traffic	300	Year	2027
Road classification	Local (Rural) [09]		Lanes on structure	1		Approach roadway width	5.4 m = 17.7 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	0 m = 0.0 ft					Minimum vertical clearance over bridge roadway	6.65 m = 21.8 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	Work to be done by contract [1]		
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost	1750000	Roadway improvement cost	1750000
	Length of structure improvement	49.3 m = 161.8 ft	Total project cost	3500000
	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

Bridge closed to all traffic [K]

Appraisal ratings -  
structural

Condition ratings - superstructure

Appraisal ratings -  
roadway alignment

Condition ratings - substructure

Appraisal ratings -  
deck geometry

Condition ratings - deck

Scour

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

Channel and channel protection

Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel. [5]

Appraisal ratings - water adequacy

Equal to present minimum criteria [6]

Status evaluation

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

22.7

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

March 2007 [0307]

Designated inspection frequency

24

Months

Underwater inspection

Not needed [N]

Underwater inspection date

Fracture critical inspection

Every two years [Y24]

Fracture critical inspection date

March 2007 [0307]

Other special inspection

Not needed [N]

Other special inspection date