HistoricBridges.org - National Bridge Inventory Data Sheet

2009 Inventory

The National Bridge Inventory contains data submitted by state transportion 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]	0.8 km N of CR 100N	39-40-43 = 39.678611	086-48-42 = -86.811667

6700124	Highway agency district: 1	Owner: County Highway Agency [02]	Maintenance responsibility: County Highway Agency [02]		
Route: 249		ROAD 125 NORTH	Toll: On free road [3]	Features intersected: BIG WALNUT Cr	

Design - main: 1	Steel [3] / Truss - Thru [10]	Design - approach: 0	Other [00]	Kilometerpoint: 0 km = 0.0 mi	
				Year built: 1910	Year reconstructed: 1984
				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	Bridge roadway width, curb-to-curb: 4.7 m = 15.4 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: 0.5 km = 0.3 mi	Method to determine inventory rating: No rating analysis performed [5]	Inventory rating: 0 metric ton = 0.0 tons			
	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	0	Average daily truck traffi	0 %	Year	2007	Future average daily traffic	175	Year	2027

Road classification	Minor Collector (Rural) [08]	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	7.46 m = 24.5 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

Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	800000	Roadway improvement cost	800000
Length of structure improvement	54.8 m = 179.8 ft	Total project cost	1600000
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 - superstructur		Appraisal ratings - roadway alignment	Basically intolerable requiring high priority of corrrective action [3]
Condition ratings - substructure		Appraisal ratings - deck geometry	Better than present minimum criteria [7]
Condition ratings - deck			
Scour	Bridge is scour critical; field review indicates that failure of piers/abutments is imminent. [1]		
Channel and channel protection			
Appraisal ratings - water adequacy		Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	17
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 2007 [0507]	Designated inspection frequency	24	Months	
Underwater inspection	Unknown [Y48]		Underwater inspection date	July 2004 [0704]	
Fracture critical inspection	Every two years [Y24]		Fracture critical inspection date	May 2007 [0507]	
Other special inspection	Not needed [N]		Other special inspection date		