

# 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	Parke County	Unknown	5.6 km W of Lena	39.614444	-87.106944
6100091	Highway agency district	1	Owner	County Highway Agency	Maintenance responsibility
Route	135		CR 700E	Toll	On free road
Design - main	Concrete	Design - approach		Kilometerpoint	0
1	Stringer/Multi-beam or girder	0	Other	Year built	#Num!
				Year reconstructed	#Num!
				Skew angle	0
				Structure Flared	
				Historical significance	Bridge is not eligible for the NRHP.
Total length	44.6	Length of maximum span	40	Deck width, out-to-out	21
Inventory Route, Total Horizontal Clearance	17.7	Curb or sidewalk width - left	0	Curb or sidewalk width - right	0
Deck structure type	Concrete Cast-in-Place				
Type of wearing surface	Gravel				
Deck protection					
Type of membrane/wearing surface					

## Weight Limits

Bypass, detour length	Method to determine inventory rating	No rating analysis performed	Inventory rating	14.9
0.1	Method to determine operating rating	No rating analysis performed	Operating rating	19.8
	Bridge posting	00.1 - 09.9 % below	Design Load	

### Functional Details

Average Daily Traffic	94	Average daily truck traffi	4	%	Year	2008	Future average daily traffic	112	Year	2028
Road classification	Minor Collector (Rural)		Lanes on structure	1		Approach roadway width	14.8			
Type of service on bridge	Highway		Direction of traffic	One lane bridge for 2 - way traffic		Bridge median				
Parallel structure designation	No parallel structure exists.									
Type of service under bridge	Waterway		Lanes under structure	0		Navigation control				
Navigation vertical clearanc	N/A		Navigation horizontal clearance	N/A						
Minimum navigation vertical clearance, vertical lift bridge	0					Minimum vertical clearance over bridge roadway	1072.2			
Minimum lateral underclearance reference feature	Feature not a highway or railroad									
Minimum lateral underclearance on right	99.7					Minimum lateral underclearance on left	99.7			
Minimum Vertical Underclearance	N/A		Minimum vertical underclearance reference feature	Feature not a highway or railroad						
Appraisal ratings - underclearances	N/A									

### Repair and Replacement Plans

Type of work to be performed	Work done by	Work to be done by contract		
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry.	Bridge improvement cost	526	Roadway improvement cost	526
	Length of structure improvement	68.9	Total project cost	1052
	Year of improvement cost estimate	2008		
	Border bridge - state		Border bridge - percent responsibility of other state	
	Border bridge - structure number			

## Inspection and Sufficiency

Structure status

Posted for load

Appraisal ratings -  
structural

Meets minimum tolerable limits to be left in place as is

Condition ratings - superstructure

Satisfactory

Appraisal ratings -  
roadway alignment

Equal to present minimum criteria

Condition ratings - substructure

Fair

Appraisal ratings -  
deck geometry

Basically intolerable requiring high priority of corrective action

Condition ratings - deck

Satisfactory

Scour

Bridge is scour critical; bridge foundations determined to be unstable.

Channel and channel protection

Bank protection has failed. River control devices have been destroyed. Stream bed aggradation, degradation or lateral movement has changed the channel to now threaten the bridge and/or approach roadway.

Appraisal ratings - water adequacy

Meets minimum tolerable limits to be left in place as is

Status evaluation

Functionally obsolete

Pier or abutment protection

Sufficiency rating

51

Culverts

Not applicable. Used if structure is not a culvert.

Traffic safety features - railings

Traffic safety features - transitions

Traffic safety features - approach guardrail

Traffic safety features - approach guardrail ends

Inspection date

Aug-08

Designated inspection frequency

24

Months

Underwater inspection

Not needed

Underwater inspection date

Fracture critical inspection

Not needed

Fracture critical inspection date

Other special inspection

Not needed

Other special inspection date