

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.
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Basic Information

Indiana [18]	Bartholomew County [005]	Unknown [00000]	00.61 E OF CR 200E	39-20-01 = 39.333611	085-51-52 = - 85.864444
300068	Highway agency district 5	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 454	CR 900N	Toll On free road [3]	Features intersected	FLATROCK RIVER	
Design - main Steel [3]	Design - approach	Kilometerpoint 0 km = 0.0 mi	Year built 1911	Year reconstructed 1997	
2	Truss - Thru [10]	0 Other [00]	Skew angle 0	Structure Flared	
			Historical significance	Bridge is on the NRHP. [1]	
Total length 79.2 m = 259.9 ft	Length of maximum span 38.6 m = 126.6 ft	Deck width, out-to-out 4.9 m = 16.1 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 0.8 km = 0.5 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	24.3 metric ton = 26.7 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	38.7 metric ton = 42.6 tons
Bridge posting	Equal to or above legal loads [5]	Design Load		

Functional Details

Average Daily Traffic	250	Average daily truck traffi	5	%	Year	2011	Future average daily traffic	440	Year	2031	
Road classification	Local (Rural) [09]		Lanes on structure	1		Approach roadway width	4.6 m = 15.1 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	3.56 m = 11.7 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	400000	Roadway improvement cost	100000							
	Length of structure improvement	79.2 m = 259.9 ft		Total project cost	500000						
	Year of improvement cost estimate	2011									
	Border bridge - state					Border bridge - percent responsibility of other state					
	Border bridge - structure number										

Inspection and Sufficiency

Structure status	Posted for other load-capacity restriction [R]	Appraisal ratings - structural	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Poor [4]	Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Fair [5]		
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	46.3
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	July 2011 [0711]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	August 2011 [0811]
Other special inspection	Not needed [N]	Other special inspection date	