

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]	Johnson County [081]	Unknown [00000]	0 km ATTERBURY-MILITARY	39-22-00 = 39.366667	086-04-00 = - 86.066667
60500	Highway agency district 5	Owner Other State Agencies [21]	Maintenance responsibility	Unknown [80]	
Route 0	STONE ARCH ROAD	Toll On free road [3]	Features intersected	NINEVEH CREEK	
Design - main Steel [3]	Design - approach	Kilometerpoint 0 km = 0.0 mi	Year built 1885	Year reconstructed #Num!	
1	Truss - Thru [10]	0 Other [00]	Skew angle 0	Structure Flared	
			Historical significance	Historical significance is not determinable at this time. [4]	
Total length 25.3 m = 83.0 ft	Length of maximum span 24.7 m = 81.0 ft	Deck width, out-to-out 4.8 m = 15.7 ft	Bridge roadway width, curb-to-curb	4.8 m = 15.7 ft	
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	Concrete Cast-in-Place [1]				
Type of wearing surface	Monolithic Concrete (concurrently placed with structural deck) [1]				
Deck protection					
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 1.8 km = 1.1 mi	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	9 metric ton = 9.9 tons
	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	9 metric ton = 9.9 tons
Bridge posting	10.0 - 19.9 % below [3]	Design Load		

Functional Details

Average Daily Traffic	143	Average daily truck traffi	10	%	Year	2004	Future average daily traffic	238	Year	2028
Road classification	Local (Rural) [09]		Lanes on structure	1		Approach roadway width	6.1 m = 20.0 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	3.73 m = 12.2 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]									
Other structural work, including hydraulic replacements. [38]	Bridge improvement cost	151000	Roadway improvement cost	32000						
	Length of structure improvement	25.3 m = 83.0 ft		Total project cost	183000					
	Year of improvement cost estimate	2004								
	Border bridge - state					Border bridge - percent responsibility of other state				
	Border bridge - structure number									

Inspection and Sufficiency

Structure status	Posted for load [P]	Appraisal ratings - structural	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - deck	Serious [3]		
Scour	Bridge is scour critical; field review indicates that extensive scour has occurred at bridge foundations. [2]		
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	Equal to present minimum criteria [6]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	33.9
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	April 2011 [0411]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	April 2011 [0411]
Other special inspection	Every year [Y12]	Other special inspection date	April 2011 [0411]