

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

Alabama [01]	Lauderdale County [077]	Unknown [00000]	3.5 MI N INT CO RT 30	34-54-44.05 = 34.912236	087-35-17.97 = -87.588325
528	Highway agency district: 2	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 47	CO RT 47	Toll On free road [3]	Features intersected	SHOALS CREEK	
Design - main 1	Steel [3] Truss - Thru [10]	Design - approach 3	Steel [3] Stringer/Multi-beam or girder [02]	Kilometerpoint 1 km = 0.6 mi	Year built 1928 Year reconstructed N/A [0000]
			Skew angle 0	Structure Flared	
			Historical significance	Historical significance is not determinable at this time. [4]	
Total length	120.1 m = 394.0 ft	Length of maximum span	67.1 m = 220.2 ft	Deck width, out-to-out	6.4 m = 21.0 ft
Inventory Route, Total Horizontal Clearance	6.4 m = 21.0 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	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	11.8 metric ton = 13.0 tons
2.6 km = 1.6 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	16.3 metric ton = 17.9 tons
	Bridge posting		Design Load	

Functional Details

Average Daily Traffic	2040	Average daily truck traffi	10	%	Year	1989	Future average daily traffic	4080	Year	2031
Road classification	Major Collector (Rural) [07]		Lanes on structure	2		Approach roadway width	9.1 m = 29.9 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	3.15 m = 10.3 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]								
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	1852000	Roadway improvement cost	185000						
	Length of structure improvement	128.6 m = 421.9 ft		Total project cost	2037000					
	Year of improvement cost estimate	2019								
	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 replacement [2]
Condition ratings - superstructure	Fair [5]	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	N/A [N]
Condition ratings - deck	Fair [5]		
Scour	Bridge is scour critical; bridge foundations determined to be unstable. [3]		
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 desirable criteria [8]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	25.3
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	August 2018 [0818]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y48]	Underwater inspection date	April 2018 [0418]
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	August 2018 [0818]
Other special inspection	Every year [Y12]	Other special inspection date	August 2018 [0818]