HistoricBridges.org - National Bridge Inventory Data Sheet

2013 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

Florida [12]	Calhoun County [013]	Unknown [00000]	3.0mi EAST OF SR71	30-26-31.48 = 30.442078	085-00-19.54 = -85.005428

470029	Highway agency district 3	Owner: State Highway Agency [01]	Maintenance responsibility: State Highway Agency [01]		
Route: 20		SR 20	Toll: On free road [3]	Features intersected: APALACHICOLA RIVER	

Design - main: Steel continuous [4]	Design - approach: Steel [3]	Kilometerpoint: 3706.8 km = 2298.2 mi			
5	Truss - Thru [10]	198	Stringer/Multi-beam or girder [02]	Year built: 1938	Year reconstructed: 1998
				Skew angle: 0	Structure Flared:
				Historical significance: Bridge is on the NRHP. [1]	

Total length: 2559.4 m = 8397.4 ft	Length of maximum span: 85.3 m = 279.9 ft	Deck width, out-to-out: 8.1 m = 26.6 ft	Bridge roadway width, curb-to-curb: 7.3 m = 24.0 ft				
Inventory Route, Total Horizontal Clearance: 7.3 m = 24.0 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:

Deck protection:

Type of membrane/wearing surface:

Weight Limits

Bypass, detour length: 0.2 km = 0.1 mi	Method to determine inventory rating: Load Factor(LF) [1]	Inventory rating: 34 metric ton = 37.4 tons			
	Method to determine operating rating: Load Factor(LF) [1]	Operating rating: 56.6 metric ton = 62.3 tons			
	Bridge posting: Equal to or above legal loads [5]	Design Load: MS 18+Mod / HS 20+Mod [6]			

Functional Details

Average Daily Traffic	4294	Average daily truck traffi	11 %	Year	2011	Future average daily traffic	7450
Year	2033						
Road classification	Principal Arterial - Other (Rural) [02]	Lanes on structure	2	Approach roadway width	10.4 m = 34.1 ft		
Type of service on bridge	Highway [1]	Direction of traffic	1 - way traffic [1]	Bridge median			
Parallel structure designation	The left structure of parallel bridges. This structure carries traffic in the opposite direction. [L]						
Type of service under bridge	Waterway [5]	Lanes under structure	0	Navigation control	Navigation control on waterway (bridge permit required). [1]		
Navigation vertical clearanc	15.8 m = 51.8 ft	Navigation horizontal clearance	8.2 m = 26.9 ft				
Minimum navigation vertical clearance, vertical lift bridge	0 m = 0.0 ft	Minimum vertical clearance over bridge roadway	5.06 m = 16.6 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

Bridge improvement cost	0	Roadway improvement cost	0
Length of structure improvement	0 m = 0.0 ft	Total project cost	0
Year of improvement cost estimate			
Border bridge - state		Border bridge - percent responsibility of other state	
Border bridge - structure number			

Inspection and Sufficiency

Structure status	Open, no restriction [A]	Appraisal ratings - structural	Better than present minimum criteria [7]
Condition ratings - superstructure	Good [7]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Satisfactory [6]		

Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]
Channel and channel protection	Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8]

Appraisal ratings - water adequacy	Better than present minimum criteria [7]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection	None present but re-evaluation suggested [5]	Sufficiency rating	75.5

Culverts	Not applicable. Used if structure is not a culvert. [N]

Traffic safety features - railings	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - transitions	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - approach guardrail	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - approach guardrail ends	Inpected feature meets currently acceptable standards. [1]

Inspection date	April 2011 [0411]	Designated inspection frequency	24	Months

Underwater inspection	Every two years [Y24]	Underwater inspection date	April 2011 [0411]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	April 2011 [0411]
Other special inspection	Not needed [N]	Other special inspection date	