HistoricBridges.org - National Bridge Inventory Data Sheet

1992 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

New York [36]	Genesee County [037]	Alabama [00474]	2.3 MI NE ALABAMA	43-07-30 = 43.125000	078-22-12 = -78.370000

3315020	Highway agency district: 41	Owner: County Highway Agency [02]	Maintenance responsibility: County Highway Agency [02]		
Route: 0		SOUR SPRINGS ROAD	Toll: On free road [3]	Features intersected: OAK ORCHARD CREEK	
Design - main: Steel [3]		Design - approach:		Kilometerpoint:	
1	Truss - Thru [10]	0	Other [00]	Year built: 1885	Year reconstructed: N/A [0000]
				Skew angle: 20	Structure Flared:
				Historical significance: Bridge is not eligible for the NRHP. [5]	

Total length: 20.1 m = 65.9 ft	Length of maximum span: 18 m = 59.1 ft	Deck width, out-to-out: 4.4 m = 14.4 ft	Bridge roadway width, curb-to-curb: 4.4 m = 14.4 ft		
Inventory Route, Total Horizontal Clearance: 4.3 m = 14.1 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: 0.6 km = 0.4 mi	Method to determine inventory rating:	Inventory rating: 6.3 metric ton = 6.9 tons	
	Method to determine operating rating:	Operating rating: 11.7 metric ton = 12.9 tons	
	Bridge posting: 20.0 - 29.9 % below [2]	Design Load:	

Functional Details

Average Daily Traffic	30	Average daily truck traffi	10 %	Year	1991	Future average daily traffic	370	Year	2010

Road classification	Local (Rural) [09]	Lanes on structure	1	Approach roadway width	4.9 m = 16.1 ft
Type of service on bridge	Highway [1]	Direction of traffic	2 - way traffic [2]	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	99.99 m = 328.1 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

Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	376000	Roadway improvement cost	43000
Length of structure improvement	38.4 m = 126.0 ft	Total project cost	656000
Year of improvement cost estimate			
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	Serious [3]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Serious [3]	Appraisal ratings - deck geometry	Equal to present minimum criteria [6]
Condition ratings - deck	Fair [5]		

Scour	Scour calculation/evaluation has not been made. [6]
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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	25

Culverts	Not applicable. Used if structure is not a culvert. [N]
Traffic safety features - railings	
Traffic safety features - transitions	Not applicable or a safety feature is not required. [N]
Traffic safety features - approach guardrail	
Traffic safety features - approach guardrail ends	

Inspection date	August 1991 [0891]	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 1991 [0891]
Other special inspection	Not needed [N]	Other special inspection date	