HistoricBridges.org - National Bridge Inventory Data Sheet

2000 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

Indiana [18]	Decatur County [031]	Unknown [00000]	500S 350W E-6	39-15-48 = 39.263333	085-32-54 = -85.548333

1600093	Highway agency district	5	Owner	County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route	126		500S	Toll	On free road [3]	Features intersected	SAND CREEK

Design - main	Steel [3]	Design - approach		Kilometerpoint	0 km = 0.0 mi
1	Truss - Thru [10]	0	Other [00]	Year built	1925
				Year reconstructed	#Num!
				Skew angle	0
				Structure Flared	
				Historical significance	Bridge is not eligible for the NRHP. [5]

Total length	37.2 m = 122.1 ft	Length of maximum span	36 m = 118.1 ft	Deck width, out-to-out	4.9 m = 16.1 ft	Bridge roadway width, curb-to-curb	4.9 m = 16.1 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	Bituminous [6]
Deck protection	
Type of membrane/wearing surface	

Weight Limits

Bypass, detour length	Method to determine inventory rating		Inventory rating	1.8 metric ton = 2.0 tons	
1.1 km = 0.7 mi	Method to determine operating rating		Operating rating	2.7 metric ton = 3.0 tons	
	Bridge posting	30.0 - 39.9 % below [1]	Design Load		

Functional Details

Average Daily Traffic	75	Average daily truck traffi		%	Year 1998	Future average daily traffic 100	Year 2018

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	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	4.8 m = 15.7 ft		
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]				
Minimum lateral underclearance on right	99.9 = Unlimited	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	350000	Roadway improvement cost	30000
Length of structure improvement	51.8 m = 170.0 ft	Total project cost	380000
Year of improvement cost estimate	1999		
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 - superstructur	Serious [3]	Appraisal ratings - roadway alignment	Basically intolerable requiring high priority of corrrective action [3]
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrrective action [3]
Condition ratings - deck	Serious [3]		
Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]		
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	Better than present minimum criteria [7]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	24.2
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	March 1999 [0399]	Designated inspection frequency	24	Months	
Underwater inspection	Not needed [N]			Underwater inspection date	
Fracture critical inspection	Every two years [Y24]			Fracture critical inspection date	
Other special inspection	Every year [Y12]			Other special inspection date	March 1999 [0399]