HistoricBridges.org - National Bridge Inventory Data Sheet

2012 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]	Allen County [003]	Unknown [00000]	00.80 W OF ABOITE ROAD	40-56-45 = 40.945833	085-20-07 = -85.335278

200178	Highway agency district: 2	Owner: County Highway Agency [02]	Maintenance responsibility: County Highway Agency [02]		
Route: 394		HAMILTON ROAD	Toll: On free road [3]	Features intersected: EIGHT MILE CREEK	

Design - main: 1	Steel [3] / Truss - Thru [10]	Design - approach: 0	Other [00]	Kilometerpoint: 0 km = 0.0 mi	
				Year built: 1883	Year reconstructed: 1999
				Skew angle: 0	Structure Flared:
				Historical significance: Bridge is eligible for the NRHP. [2]	

Total length: 36.9 m = 121.1 ft	Length of maximum span: 36.6 m = 120.1 ft	Deck width, out-to-out: 4.9 m = 16.1 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: Wood or Timber [8]							
Type of wearing surface: Bituminous [6]							
Deck protection:							
Type of membrane/wearing surface:							

Weight Limits

Bypass, detour length: 0.3 km = 0.2 mi	Method to determine inventory rating: Load Factor(LF) [1]		Inventory rating: 9 metric ton = 9.9 tons		
	Method to determine operating rating: Load Factor(LF) [1]		Operating rating: 15.3 metric ton = 16.8 tons		
	Bridge posting: 20.0 - 29.9 % below [2]		Design Load:		

Functional Details

Average Daily Traffic	135	Average daily truck traffi	1 %	Year	2010	Future average daily traffic	200
Year	2030						
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	5.21 m = 17.1 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

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	Posted for load [P]	Appraisal ratings - structural	Basically intolerable requiring high priority of corrrective action [3]
Condition ratings - superstructur	Fair [5]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrrective action [3]
Condition ratings - deck	Satisfactory [6]		

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	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	31.3

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 2010 [0810]	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 2010 [0810]
Other special inspection	Not needed [N]	Other special inspection date	