

HistoricBridges.org - National Bridge Inventory Data Sheet

2010 Inventory

The National Bridge Inventory contains data submitted by state transportation 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]	LaPorte County [091]	Michigan City [48798]	0 WASHINGTON PARK ENTR.	41-43-22 = 41.722778	086-54-16 = - 86.904444
4600143	Highway agency district 4	Owner County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route 0		FRANKLIN St	Toll On free road [3]	Features intersected TRAIL Creek	
Design - main	Steel [3]	Design - approach		Kilometerpoint	0 km = 0.0 mi
1	Movable - Bascule [16]	0	Other [00]	Year built	1932
				Year reconstructed	1998
				Skew angle	0
				Structure Flared	
				Historical significance	Bridge is possibly eligible for the NRHP. [3]
Total length	64.9 m = 212.9 ft	Length of maximum span	55.5 m = 182.1 ft	Deck width, out-to-out	15.9 m = 52.2 ft
				Bridge roadway width, curb-to-curb	11 m = 36.1 ft
Inventory Route, Total Horizontal Clearance	11 m = 36.1 ft	Curb or sidewalk width - left	2.6 m = 8.5 ft	Curb or sidewalk width - right	2.6 m = 8.5 ft
Deck structure type	Open Grating [3]				
Type of wearing surface	Other [9]				
Deck protection	Unknown [8]				
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length	Method to determine inventory rating	No rating analysis performed [5]	Inventory rating	24.3 metric ton = 26.7 tons
0.3 km = 0.2 mi	Method to determine operating rating	No rating analysis performed [5]	Operating rating	32.4 metric ton = 35.6 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	

Functional Details

Average Daily Traffic	14014	Average daily truck traffi	5	%	Year	2008	Future average daily traffic	20824	Year	2028
Road classification	Minor Arterial (Urban) [16]		Lanes on structure	2		Approach roadway width	11 m = 36.1 ft			
Type of service on bridge	Highway-pedestrian [5]		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	2.1 m = 6.9 ft		Navigation horizontal clearance	36.6 m = 120.1 ft						
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	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	Work done by	Work to be done by contract [1]		
Other structural work, including hydraulic replacements. [38]	Bridge improvement cost	350000	Roadway improvement cost	50000
	Length of structure improvement	64.9 m = 212.9 ft	Total project cost	400000
	Year of improvement cost estimate	2008		
	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	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Fair [5]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Good [7]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Good [7]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
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	
Pier or abutment protection	In place and functioning [2]	Sufficiency rating	68.9
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	February 2009 [0209]	Designated inspection frequency	24 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	November 2005 [1105]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	March 2009 [0309]
Other special inspection	Every two years [Y24]	Other special inspection date	May 2009 [0509]