

# HistoricBridges.org - National Bridge Inventory Data Sheet

2019 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]	Marion County [097]	Indianapolis [36000]	00.20 S OF 30TH ST	39-48-26.71 = 39.807419	086-08-41.57 = -86.144881
4900142	Highway agency district: 3	Owner City or Municipal Highway Agency [04]	Maintenance responsibility City or Municipal Highway Agency [04]		
Route 381	COLLEGE AVE	Toll On free road [3]	Features intersected FALL CREEK		
Design - main 3	Masonry [8] Arch - Deck [11]	Design - approach 0	Other [00]	Kilometerpoint 0 km = 0.0 mi	Year built 1905 Year reconstructed 1997
				Skew angle 42	Structure Flared
				Historical significance	Bridge is eligible for the NRHP. [2]
Total length	73.8 m = 242.1 ft	Length of maximum span	24.4 m = 80.1 ft	Deck width, out-to-out	18.3 m = 60.0 ft
Inventory Route, Total Horizontal Clearance	12.3 m = 40.4 ft	Curb or sidewalk width - left	1.9 m = 6.2 ft	Curb or sidewalk width - right	1.9 m = 6.2 ft
Deck structure type	Not applicable [N]				
Type of wearing surface	Monolithic Concrete (concurrently placed with structural deck) [1]				
Deck protection	Not applicable (applies only to structures with no deck) [N]				
Type of membrane/wearing surface	Not applicable (applies only to structures with no deck) [N]				

## Weight Limits

Bypass, detour length	Method to determine inventory rating	Inventory rating
0.2 km = 0.1 mi	Method to determine operating rating	32.7 metric ton = 36.0 tons
	Bridge posting	Operating rating
	Equal to or above legal loads [5]	40.8 metric ton = 44.9 tons
		Design Load

### Functional Details

Average Daily Traffic	19761	Average daily truck traffi	5	%	Year	2014	Future average daily traffic	24112	Year	2034
Road classification	Minor Arterial (Urban) [16]		Lanes on structure	3		Approach roadway width	14.6 m = 47.9 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	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	Work done by	Work to be done by contract [1]		
Other structural work, including hydraulic replacements. [38]	Bridge improvement cost	64000	Roadway improvement cost	27000
	Length of structure improvement	73.8 m = 242.1 ft	Total project cost	91000
	Year of improvement cost estimate	2018		
	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 minimum criteria [6]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Not Applicable [N]		
Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]		
Channel and channel protection	Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly. [6]		
Appraisal ratings - water adequacy	Better than present minimum criteria [7]	Status evaluation	
Pier or abutment protection		Sufficiency rating	66.2
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	August 2018 [0818]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	