HistoricBridges.org - National Bridge Inventory Data Sheet

2016 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]	Carroll County [015]	Unknown [00000]	00.01 E of CR 350W	40-28-23.27 = 40.473131	086-35-14.98 = -86.587494

800021 | Highway agency district: 4 | Owner: County Highway Agency [02] | Maintenance responsibility: County Highway Agency [02]

Route: 0 | | PRINCE WILLIAM Rd | Toll: On free road [3] | Features intersected: WILDCAT Creek

Design - main	Steel [3]	Design - approach		Kilometerpoint	0 km = 0.0 mi
1	Truss - Thru [10]	0	Other [00]	Year built	1945
				Year reconstructed	2006
				Skew angle	0
				Structure Flared	
				Historical significance	Bridge is not eligible for the NRHP. [5]

Total length	47.2 m = 154.9 ft	Length of maximum span	44.1 m = 144.7 ft	Deck width, out-to-out	6.9 m = 22.6 ft	Bridge roadway width, curb-to-curb	6.6 m = 21.7 ft
Inventory Route, Total Horizontal Clearance	6.6 m = 21.7 ft	Curb or sidewalk width - left	0.2 m = 0.7 ft	Curb or sidewalk width - right	0.2 m = 0.7 ft		

Deck structure type: Concrete Cast-in-Place [1]

Type of wearing surface: Monolithic Concrete (concurrently placed with structural deck) [1]

Deck protection:

Type of membrane/wearing surface:

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	32.7 metric ton = 36.0 tons	
1 km = 0.6 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	44.4 metric ton = 48.8 tons	
	Bridge posting	Equal to or above legal loads [5]	Design Load		

Functional Details

Average Daily Traffic	230	Average daily truck traffi	5 %	Year	2011	Future average daily traffic	281	Year	2031

Road classification	Minor Collector (Rural) [08]	Lanes on structure	2	Approach roadway width	6.1 m = 20.0 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	4.57 m = 15.0 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	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	Very Good [8]	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	Banks are protected or well vegetated. River control devices such as spur dikes and embankment protection are not required or are in a stable condition. [8]

Appraisal ratings - water adequacy	Equal to present minimum criteria [6]	Status evaluation	
Pier or abutment protection		Sufficiency rating	68.4

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	May 2015 [0515]	Designated inspection frequency	24	Months

Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	June 2015 [0615]
Other special inspection	Not needed [N]	Other special inspection date	