HistoricBridges.org - National Bridge Inventory Data Sheet

2011 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

Ohio [39]	Williams County [171]	Springfield [74131]	23290 RDC	41-27-23 = 41.456389	084-22-29 = -84.374722

8637164	Highway agency district 2	Owner: County Highway Agency [02]	Maintenance responsibility: County Highway Agency [02]		
Route: 211		CO 211 (C)	Toll: On free road [3]	Features intersected: 23290 RDC BRUSH CREEK SP	

Design - main: Steel [3]	Design - approach:	Kilometerpoint: 0 km = 0.0 mi			
1	Truss - Thru [10]	0	Other [00]	Year built: 2000	Year reconstructed: N/A [0000]
				Skew angle: 0	Structure Flared:
				Historical significance: Bridge is not eligible for the NRHP. [5]	

Total length: 27.4 m = 89.9 ft	Length of maximum span: 27.4 m = 89.9 ft	Deck width, out-to-out: 8.5 m = 27.9 ft	Bridge roadway width, curb-to-curb: 8.5 m = 27.9 ft		
Inventory Route, Total Horizontal Clearance: 8.5 m = 27.9 ft	Curb or sidewalk width - left: 0 m = 0.0 ft	Curb or sidewalk width - right: 0 m = 0.0 ft			

Deck structure type	Corrugated Steel [6]
Type of wearing surface	Bituminous [6]
Deck protection	Cathodic Protected [4]
Type of membrane/wearing surface	

Weight Limits

Bypass, detour length	Method to determine inventory rating: No rating analysis performed [5]	Inventory rating: 32.4 metric ton = 35.6 tons			
0.3 km = 0.2 mi	Method to determine operating rating: No rating analysis performed [5]	Operating rating: 40.5 metric ton = 44.6 tons			
	Bridge posting: Equal to or above legal loads [5]	Design Load: MS 18 / HS 20 [5]			

Functional Details

Average Daily Traffic	100	Average daily truck traffi	0 %	Year	2000	Future average daily traffic	139
Year	2033						
Road classification	Local (Rural) [09]	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	Not applicable, no waterway. [N]		
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

Bridge improvement cost

Roadway improvement cost

Length of structure improvement

Total project cost

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	Equal to present minimum criteria [6]
Condition ratings - superstructur	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Very Good [8]	Appraisal ratings - deck geometry	Better than present minimum criteria [7]
Condition ratings - deck	Very Good [8]		

Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]
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	Equal to present desirable criteria [8]	Status evaluation	
Pier or abutment protection		Sufficiency rating	92

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 2011 [0311]	Designated inspection frequency	12	Months

Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	March 2010 [0310]
Other special inspection	Not needed [N]	Other special inspection date	