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

Illinois [17]	Lake County [097]	Unknown [34772]	0.1 W LAKE MICHIGAN	42-11-21 = 42.1	087-47-27 = -87.7

49655427122	Highway agency district	1	Owner	City or Municipal Highway Agency [04]	Maintenance responsibility	City or Municipal Highway Agency [04]

Route	3115	CENTRAL AVE	Toll	On free road [3]	Features intersected	RAVINE

Design - main	Concrete [1]	Design - approach		Kilometerpoint	70.8 km = 43.9 mi
1	Arch - Deck [11]	0	Other [00]	Year built	1935
				Year reconstructed	#Num!
				Skew angle	0
				Structure Flared	
				Historical significance	Bridge is eligible for the NRHP. [2]

Total length	33.8 m = 110.9 ft	Length of maximum span	15.5 m = 50.9 ft	Deck width, out-to-out	5.9 m = 19.4 ft	Bridge roadway width, curb-to-curb	4.9 m = 16.1 ft
Inventory Route, Total Horizontal Clearance	0 m = 0.0 ft	Curb or sidewalk width - left	0 m = 0.0 ft	Curb or sidewalk width - right	0.8 m = 2.6 ft		

Deck structure type	Concrete Cast-in-Place [1]
Type of wearing surface	Not applicable (applies only to structures with no deck) [N]
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	No rating analysis performed [5]	Inventory rating	24.3 metric ton = 26.7 tons
0 km = 0.0 mi	Method to determine operating rating	No rating analysis performed [5]	Operating rating	33.3 metric ton = 36.6 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	

Functional Details

Average Daily Traffic	2000	Average daily truck traffi	0 %	Year	2011	Future average daily traffic	2226
Year	2032						
Road classification	Local (Urban) [19]	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	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

Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	190000	Roadway improvement cost	19000
Length of structure improvement	43.9 m = 144.0 ft	Total project cost	285000
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 - superstructur	Fair [5]	Appraisal ratings - roadway alignment	Basically intolerable requiring high priority of corrrective action [3]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Not Applicable [N]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	Bank and embankment protection is severely undermined. River control devices have severe damage. Large deposits of debris are in the channel. [4]		
Appraisal ratings - water adequacy	Superior to present desirable criteria [9]	Status evaluation	Functionally obsolete [2]
Pier or abutment protection		Sufficiency rating	61
Culverts	Not applicable. Used if structure is not a culvert. [N]		

Traffic safety features - railings	
Traffic safety features - transitions	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - approach guardrail	Inpected feature meets currently acceptable standards. [1]
Traffic safety features - approach guardrail ends	Inpected feature meets currently acceptable standards. [1]

Inspection date	June 2010 [0610]	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		