HistoricBridges.org - National Bridge Inventory Data Sheet

2010 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]	Cook County [031]	Chicago [14000]	3.5 M N US 12,20	41-46-13 = 41.7	087-42-10 = -87.7

000016075904379	Highway agency district 1	Owner: State Highway Agency [01]	Maintenance responsibility: State Highway Agency [01]		

Route: 2831		KEDZIE AVE	Toll: On free road [3]	Features intersected: N LAG MARQUETTE PARK	

Design - main: Concrete [1]		Design - approach		Kilometerpoint: 2492.3 km = 1545.2 mi	
1	Tee beam [04]	0	Other [00]	Year built: 1933	Year reconstructed: N/A [0000]
				Skew angle: 0	Structure Flared:
				Historical significance: Bridge is not eligible for the NRHP. [5]	

Total length: 16.5 m = 54.1 ft	Length of maximum span: 13.4 m = 44.0 ft	Deck width, out-to-out: 24.7 m = 81.0 ft	Bridge roadway width, curb-to-curb: 20.1 m = 65.9 ft		
Inventory Route, Total Horizontal Clearance: 21.6 m = 70.9 ft	Curb or sidewalk width - left: 2.4 m = 7.9 ft	Curb or sidewalk width - right: 2.4 m = 7.9 ft			

Deck structure type	Other [9]
Type of wearing surface	Bituminous [6]
Deck protection	
Type of membrane/wearing surface	Built-up [1]

Weight Limits

Bypass, detour length: 0.3 km = 0.2 mi	Method to determine inventory rating: Allowable Stress(AS) [2]		Inventory rating: 29.7 metric ton = 32.7 tons		
	Method to determine operating rating: Allowable Stress(AS) [2]		Operating rating: 54.9 metric ton = 60.4 tons		
	Bridge posting: Equal to or above legal loads [5]		Design Load:		

Functional Details

Average Daily Traffic	24600	Average daily truck traffi	18 %	Year	2006	Future average daily traffic	33615
Year	2021						
Road classification	Minor Arterial (Urban) [16]	Lanes on structure	4	Approach roadway width	14 m = 45.9 ft		
Type of service on bridge	Highway [1]	Direction of traffic	2 - way traffic [2]	Bridge median	Open median [1]		
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	
		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	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructur	Poor [4]	Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Better than present minimum criteria [7]
Condition ratings - deck	Poor [4]		

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 desirable criteria [8]	Status evaluation	Structurally deficient [1]
Pier or abutment protection		Sufficiency rating	62.1

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	

Inspection date	September 2009 [0909]	Designated inspection frequency	12	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	