

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

Illinois [17]	Cook County [031]	Chicago [14000]	6300 S & 1900 E	41-46-48 = 41.7	087-34-41 = -87.5				
000016619627259	Highway agency district	1	Owner	City or Municipal Highway Agency [04]	Maintenance responsibility	City or Municipal Highway Agency [04]			
Route	1520	HAYES DR	Toll	On free road [3]	Features intersected	JACKSON PK LAGOON			
Design - main	Concrete [1]	Design - approach		Kilometerpoint	53.1 km = 32.9 mi				
1	Arch - Deck [11]	0	Other [00]	Year built	1902	Year reconstructed	N/A [0000]		
				Skew angle	0	Structure Flared			
				Historical significance	Bridge is eligible for the NRHP. [2]				
Total length	54.9 m = 180.1 ft		Length of maximum span	21.3 m = 69.9 ft		Deck width, out-to-out	24 m = 78.7 ft	Bridge roadway width, curb-to-curb	15.2 m = 49.9 ft
Inventory Route, Total Horizontal Clearance	15.2 m = 49.9 ft		Curb or sidewalk width - left	3.7 m = 12.1 ft		Curb or sidewalk width - right	3.7 m = 12.1 ft		
Deck structure type	Concrete Cast-in-Place [1]								
Type of wearing surface	Bituminous [6]								
Deck protection	Unknown [8]								
Type of membrane/wearing surface	Unknown [8]								

Weight Limits

Bypass, detour length	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	22.5 metric ton = 24.8 tons
0 km = 0.0 mi	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	30.6 metric ton = 33.7 tons
Bridge posting	00.1 - 09.9 % below [4]		Design Load	M 18 / H 20 [4]

Functional Details

Average Daily Traffic	13600	Average daily truck traffi	8	%	Year	2006	Future average daily traffic	3011	Year	2021
Road classification	Collector (Urban) [17]	Lanes on structure	4		Approach roadway width	15.2 m = 49.9 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	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]									
Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]	Bridge improvement cost	1498000	Roadway improvement cost	150000							
	Length of structure improvement	65.8 m = 215.9 ft		Total project cost	2247000						
	Year of improvement cost estimate										
	Border bridge - state					Border bridge - percent responsibility of other state					
	Border bridge - structure number										

Inspection and Sufficiency

Structure status	<input type="text" value="Open, no restriction [A]"/>	Appraisal ratings - structural	<input type="text" value="Somewhat better than minimum adequacy to tolerate being left in place as is [5]"/>
Condition ratings - superstructure	<input type="text" value="Fair [5]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Equal to present desirable criteria [8]"/>
Condition ratings - substructure	<input type="text" value="Satisfactory [6]"/>	Appraisal ratings - deck geometry	<input type="text" value="Basically intolerable requiring high priority of corrective action [3]"/>
Condition ratings - deck	<input type="text" value="Fair [5]"/>		
Scour	<input type="text" value="Bridge foundations determined to be stable for assessed or calculated scour condition. [5]"/>		
Channel and channel protection	<input type="text" value="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	<input type="text" value="Superior to present desirable criteria [9]"/>	Status evaluation	<input type="text" value="Functionally obsolete [2]"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="58.9"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text"/>		
Traffic safety features - transitions	<input type="text" value="Not applicable or a safety feature is not required. [N]"/>		
Traffic safety features - approach guardrail	<input type="text" value="Not applicable or a safety feature is not required. [N]"/>		
Traffic safety features - approach guardrail ends	<input type="text" value="Not applicable or a safety feature is not required. [N]"/>		
Inspection date	<input type="text" value="September 2009 [0909]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Unknown [Y60]"/>	Underwater inspection date	<input type="text" value="November 2007 [1107]"/>
Fracture critical inspection	<input type="text" value="Not needed [N]"/>	Fracture critical inspection date	<input type="text"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>