HistoricBridges.org - National Bridge Inventory Data Sheet

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 Info	ormation											
Illinois Cook County			Chica	Chicago 301 W 18TH ST			41.8575	-87.635556				
16601727332 Highwa			vay agency	y district: 1	Owr	rner City or Municipal Highway Agency			Maintenance	responsibility	City or Municipal	Highway Agency
Route 1450 18TH ST			ST	Toll On free road			Fea	Features intersected S BR CHICAGO RIVER				
Design - main	Steel Design - approach Steel Movable - Bascule 1 String				Kilometerpoint 55.9 Year built 1967 Year reconstructed N/A Skew angle 0 Structure Flared							
							Historical sign			s not eligible for t		
Total leng	th 279.9		Lenç	gth of maxim	um span 182	2.1	Deck width,	out-to-out	74.2	Bridge road	dway width, curb-to-	curb 47.9
Inventory Route, Total Horizontal Clearance 49.9				Curb or sidewalk width - left 6.9 Curb or sidewalk			ewalk width - right	6.9				
Deck stru	cture type		Op	pen Grating								
Type of wearing surface Other												
Deck prot	ection											
Type of m	embrane/we	earing surfac	е									
Weight L	imits											
31	Bypass, detour length Method to dete			ne inventory	rating	Allowable Stress(AS)		Inven	Inventory rating 35.6			
0		Method	Method to determine operating rating			Allowable Stress(AS)		Opera	Operating rating 48.5			
Bridge posting Equal to or above legal loads				ads		Desig	n Load MS	18 / HS 20				

Functional Details										
Average Daily Traffic 7300 Average daily tru	ick traffi 19 % Year 2006 Future average daily traffic 9960 Year 2021									
Road classification Collector (Urban)	Lanes on structure 4 Approach roadway width 47.9									
Type of service on bridge Highway	Direction of traffic 2 - way traffic Bridge median Closed median with non-mountable barr									
Parallel structure designation No parallel structure	exists.									
Type of service under bridge Waterway	Lanes under structure 0 Navigation control Navigation control on waterway (bridge permit required).									
Navigation vertical clearance 21 Navigation horizontal clearance 125										
Minimum navigation vertical clearance, vertical lift bridge Minimum vertical clearance over bridge roadway Unlimited										
Minimum lateral underclearance reference feature Feature not a highway or railroad										
Minimum lateral underclearance on right N/A	Minimum lateral underclearance on right N/A Minimum lateral underclearance on left N/A									
Minimum Vertical Underclearance N/A	Minimum vertical underclearance reference feature Feature not a highway or railroad									
Appraisal ratings - underclearances N/A										
D 1 1D 1 1D										
Repair and Replacement Plans										
Type of work to be performed	Work done by Work to be done by contract									
Replacement of bridge or other structure because of substandard load carrying capacity or substantial	Bridge improvement cost 1538 Roadway improvement cost 154									
bridge roadway geometry.	Length of structure improvement 308.1 Total project cost 2307									
	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 res	striction	Appraisal ratings - structural	Meets minimum tolerable limits to be left in place as is							
Condition ratings - superstructure	Poor	Appraisal ratings - roadway alignment	Equal to present desirable crite	al to present desirable criteria						
Condition ratings - substructure	Good	Appraisal ratings -	Basically intolerable requiring l							
Condition ratings - deck	Serious	deck geometry								
Scour	Bridge foundation	Bridge foundations determined to be stable for the assessed or calculated scour condition.								
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.								
Appraisal ratings - water adequac	Superior to prese	ent desirable criteria	Status evaluation	Structurally deficient						
Pier or abutment protection			Sufficiency rating	49						
Culverts Not applicable. Used	if structure is not a culve	rt.								
Traffic safety features - railings										
Traffic safety features - transition	าร	Not applicable or a safety feature is n	e or a safety feature is not required.							
Traffic safety features - approach	n guardrail	Not applicable or a safety feature is n	able or a safety feature is not required.							
Traffic safety features - approach	n guardrail ends	Not applicable or a safety feature is n	ole or a safety feature is not required.							
Inspection date Oct-08 Designated inspection frequency 24 Months										
Underwater inspection	Unknown	Underwater inspe	ection date Aug-04							
Fracture critical inspection	Not needed	Fracture critical in	Fracture critical inspection date							
Other special inspection	Not needed	Other special insp	Other special inspection date							