## 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 Informa	ation										
Illinois [17] Cook County [031]			Northfie	Northfield [53663] 0.3 M E I-94			42-05-38 =	42.0 087-45-25 = -87.7			
16116204538 Highway aç		Highway age	ncy district 1	Owner	vner State Highway Agency [01]		Ma	aintenance	eresponsibility	State Highway	Agency [01]
Route 1291 WINNET			NETKA RD Toll On free road [3]			Featur	Features intersected SKOKIE RIVER				
Design - Concrete [1] main  Tee beam [04]		approach	Concrete [1] Slab [01]			935		constructed #Nu	m!		
				His		Skew angle 0 Structure Flared  Historical significance Bridge is not eligible for the NRHP. [5]  Deck width, out-to-out 18.9 m = 62.0 ft Bridge roadway width, curb-to-curb 7.9 m = 25.9 ft					
Total length 22.3 m = 73.2 ft Length of maximum span 6.1 m = 20.0 ft  Inventory Route, Total Horizontal Clearance 14.6 m = 47.9 ft Curb or sidewa  Deck structure type Concrete Cast-in-Place [1]				= 20.0 π urb or sidewalk w		5 m = 4.9 ft	3.9 M = 62.		away width, curb- ewalk width - righ	to-curb 7.9 m = 25.9 ft 1.5 m = 4.9 ft	
Type of wearing surface			Bituminous [6]								
Deck protection  Type of membrane/wearing surface											
Weight Limits	S										
1 km = 0.6 mi		determine inventory rating determine operating rating		Allowable Stress(AS) [2] Allowable Stress(AS) [2]		Inventor Operatir	ry rating ng rating	43.2 metric ton 65.7 metric ton			
Bridge posting Equal to or above legal loads [5]				[5]		Design	Load				

Functional Details							
Average Daily Traffic 7800 Average daily tr	ruck traffi 3 % Year 2010 Future average daily traffic 8034 Year 2032						
Road classification Collector (Urban) [17]	Lanes on structure 2 Approach roadway width 7.9 m = 25.9 ft						
Type of service on bridge Highway [1]	Direction of traffic 2 - way traffic [2]  Bridge median						
Parallel structure designation No parallel structure	re 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 improvement cost 640000 Roadway improvement cost 64000						
bridge roadway geometry. [31]	Length of structure improvement 29.9 m = 98.1 ft Total project cost 960000						
	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 [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	Equal to present minimum crit	eria [6]				
Condition ratings - substructure	Fair [5]	Appraisal ratings -	Basically intolerable requiring high priority of replacement [2]					
Condition ratings - deck	Fair [5]	deck geometry						
Scour	Bridge is scour crit	Bridge is scour critical; bridge foundations determined to be unstable. [3]						
Channel and channel protection		in need of minor repairs. River cont nnel have minor amounts of drift. [7]	rol devices and embankment prot	rection have a little minor damage.				
Appraisal ratings - water adequad	Equal to present d	lesirable criteria [8]	Status evaluation	Functionally obsolete [2]				
Pier or abutment protection			Sufficiency rating	63.2				
Culverts Not applicable. Used	if structure is not a culvert	. [N]						
Traffic safety features - railings								
Traffic safety features - transition	ns In	pected feature meets currently acce	ture meets currently acceptable standards. [1]					
Traffic safety features - approach	n guardrail In	pected feature meets currently acce	ture meets currently acceptable standards. [1]					
Traffic safety features - approach	n guardrail ends In	pected feature meets currently acce	e meets currently acceptable standards. [1]					
Inspection date October 2011 [1011] Designated inspection frequency 24 Months								
Underwater inspection	Not needed [N]	Underwater inspec	Underwater inspection date					
Fracture critical inspection	Not needed [N]	Fracture critical in:						
Other special inspection	Not needed [N]	Other special inspection date						