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 Information								
Illinois [17] Lake County [097]			Lake Forest [41105]	e Forest [41105] RINGWOOD AT SHERIDAN			42-14-02 = 42.2	2 087-49-35 = -87.8
49685828156 Highway agency district 1			Owner City or Municipa	er City or Municipal Highway Agency [04] Maintenance responsibility			City or Municipal H	lighway Agency [04]
Route 4060	e 4060 RINGWOOD ROAD SOUT			ee road [3] Fea	tures intersecte	ed RAVINE		
Design - Concrete [1] main Arch - Deck		Design - approach O Other	[00]	Year built 1913 Skew angle 0 Historical significance	Structure Flar	nstructed 1995 red not eligible for the	NRHP. [5]	
Total length 24.4 m =	: 80.1 ft Len	gth of maximum spa	an 12.8 m = 42.0 ft	Deck width, out-to-out	8.2 m = 26.9 ft	Bridge roadwa	y width, curb-to-c	urb 5.8 m = 19.0 ft
Inventory Route, Total Horizontal Clearance 5.7 m = 18.7 ft		Curb or sidewalk w	Curb or sidewalk width - left 0 m = 0.0 ft		Curb or sidewa	lk width - right	0 m = 0.0 ft	
Deck structure type	Co	oncrete Cast-in-Plac	ce [1]					
Type of wearing surface	ce Mo	onolithic Concrete (concurrently placed with str	ructural deck) [1]				
Deck protection								
Type of membrane/we	aring surface							
Weight Limits								
Bypass, detour length 0 km = 0.0 mi Method to determine invention Method to determine operation		ermine inventory rating Allowable Stre) [2] Inven	tory rating 6	g 6.3 metric ton = 6.9 tons		
		ine operating rating	Allowable Stress(AS) [2] Opera	ating rating 9	metric ton = 9.9 to	ons	
Bridge posting				Desig	ın Load M 9 /	H 10 [1]		

Functional Details								
Average Daily Traffic 200 Average daily tr	uck traffi 1 % Year 2000 Future average daily traffic 223 Year 2032							
Road classification Local (Urban) [19]	Lanes on structure 2 Approach roadway width 4.9 m = 16.1 ft							
Type of service on bridge Highway [1]	Direction of traffic 2 - way traffic [2] Bridge median							
Parallel structure designation No parallel structure	e 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 brid	Minimum vertical clearance over bridge roadway 99.99 m = 328.1 ft							
Minimum lateral underclearance reference feature Fe	eature 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 Posted for	oad [P]	Appraisal ratings - structural	Basically intolerable requiring high priority of corrrective action [3]					
Condition ratings - superstructure	Poor [4]	Appraisal ratings - roadway alignment	Basically intolerable requiring	high priority of corrrective action [3]				
Condition ratings - substructure	Fair [5]	Appraisal ratings -	Basically intolerable requiring	high priority of corrrective action [3]				
Condition ratings - deck	Good [7]	deck geometry						
Scour	Bridge foundation	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]						
Channel and channel protection		Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]						
Appraisal ratings - water adequa	Superior to pres	sent desirable criteria [9]	Status evaluation	Structurally deficient [1]				
Pier or abutment protection			Sufficiency rating	18				
Culverts Not applicable. Used	d if structure is not a culv	ert. [N]						
Traffic safety features - railings		Inpected feature meets currently acce	ure meets currently acceptable standards. [1]					
Traffic safety features - transition	ons		eature meets currently acceptable standards. [1]					
Traffic safety features - approa	ch guardrail	Inpected feature meets currently acce						
Traffic safety features - approach guardrail ends Inpected feature meets currently acceptable standards. [1]								
Inspection date November 2011 [1111] Designated inspection frequency 24 Months								
Underwater inspection	Not needed [N]	Underwater inspec						
Fracture critical inspection	Not needed [N]	Fracture critical ins	Fracture critical inspection date					
Other special inspection	Not needed [N]	Other special inspection date						