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] La Salle County [099]		La Salle [42184]	E OF UNION ST		41-19-40 = 41.3 089-05-00 = -89.0		
50650228951 Highway agency district 3		Owner City or Municipal Highway Agency [04] Maintenance re		tenance responsibility	City or Municipal Highway Agency [04]		
Route 2650 ROCKWELL RD		Toll On free road [3] Features intersected VERMILLION RIVER		N RIVER			
Design - main Steel [3] Design - approach Truss - Deck [09] 0 Other		Kilometerpoint 27.4 km = 17.0 mi Year built 1940 Year reconstructed 2010 Skew angle 0 Structure Flared Historical significance Bridge is not eligible for the NRHP. [5]					
Total length 48.2 m = 158.1 ft Length of maximum span 32.3 m = 106.0 ft Deck width, out-to-out 6.9 m = 22.6 ft Bridge roadway width, curb-to-curb 6.1 m = 20.0 ft							
Inventory Route, Total Horizontal Clearance 6 m = 19.7 ft			Curb or sidewalk w	Curb or sidewalk width - left $0 \text{ m} = 0.0 \text{ ft}$ Curb or sidewalk width - right $0.6 \text{ m} = 2.0 \text{ ft}$			
Deck structure type	Co	oncrete Cast-in-Pla	ce [1]				
Type of wearing surface Monolithic Concre		onolithic Concrete (ete (concurrently placed with structural deck) [1]				
Deck protection							
Type of membrane/we	earing surface						
Weight Limits							
Bypass, detour length Method to determine inventory rating			Allowable Stress(AS	S) [2] Inventory ra	ating 13.5 metric ton =	14.9 tons	
0.1 km = 0.1 mi Method to determine operating rat		ine operating rating	Allowable Stress(AS	Operating r	21.6 metric ton =	23.8 tons	
	Bridge posting	20.0 - 29.9 % belo	w [2]	Design Loa	ad		

Functional Details							
Average Daily Traffic 275 Average daily tr	ıck traffi 3 % Year 2011 Future average daily traffic	307 Year 2032					
Road classification Local (Urban) [19]	Lanes on structure 2	Approach roadway width 6.1 m = 20.0 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 clearance 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 377000 Roadway imp	provement cost 38000					
bridge roadway geometry. [31]	Length of structure improvement 57.9 m = 190.0 ft	otal project cost 566000					
	Year of improvement cost estimate						
	Border bridge - state Bor	rder bridge - percent responsibility of other state					
	Border bridge - structure number						

Inspection and Sufficiency							
Structure status Posted for lo	ad [P]	Appraisal ratings - structural	Meets minimum tolerable limits to be left in place as is [4]				
Condition ratings - superstructur Fair [5]		Appraisal ratings - roadway alignment	Equal to present minimum criteria [6]				
Condition ratings - substructure	Poor [4]	Appraisal ratings -	Meets minimum tolerable limits to be left in place as is [4]				
Condition ratings - deck	Fair [5]	deck geometry					
Scour	Bridge foundations of	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]					
Channel and channel protection		Bank and embankment protection is severely undermined. River control devices have severe damage. Large deposits of debris are in the channel. [4]					
Appraisal ratings - water adequac	Superior to present	perior to present desirable criteria [9] Status evaluation					
Pier or abutment protection			Sufficiency rating 28.2				
Culverts Not applicable. Used	if structure is not a culvert. [N]					
Traffic safety features - railings							
Traffic safety features - transition	Inpe	cted feature meets currently acceptable standards. [1]					
Traffic safety features - approach	n guardrail Inpe	ected feature meets currently acce	ceptable standards. [1]				
Traffic safety features - approach	n guardrail ends Inpe	pected feature meets currently acceptable standards. [1]					
Inspection date August 2011	[0811] Designa	ited inspection frequency 24	4 Months				
Underwater inspection	Not needed [N]	Underwater inspe	Underwater inspection date				
Fracture critical inspection	Every two years [Y24]	Fracture critical in	inspection date August 2011 [0811]				
Other special inspection	Not needed [N]	Other special insp	spection date				