

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

Minnesota [27]	Goodhue County [049]	Red Wing [53620]	AT WIS STATE LINE	44-34-12 = 44.570000	092-32-01 = - 92.533611
9040	Highway agency district 6	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 63	US 63	Toll On free road [3]	Features intersected	MISS RIVER & CP RAIL	
Design - main	Steel continuous [4]	Design - approach	Steel [3]	Kilometerpoint	0 km = 0.0 mi
3	Truss - Thru [10]	6	Other [00]	Year built	1958
				Year reconstructed	#Num!
				Skew angle	0
				Structure Flared	
				Historical significance	Bridge is not eligible for the NRHP. [5]
Total length	497.1 m = 1631.0 ft	Length of maximum span	131.7 m = 432.1 ft	Deck width, out-to-out	11.4 m = 37.4 ft
				Bridge roadway width, curb-to-curb	9.1 m = 29.9 ft
Inventory Route, Total Horizontal Clearance	9.1 m = 29.9 ft	Curb or sidewalk width - left	0.8 m = 2.6 ft	Curb or sidewalk width - right	0.8 m = 2.6 ft
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Low slump Concrete [4]				
Deck protection	Not applicable (applies only to structures with no deck) [N]				
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length	Method to determine inventory rating	Allowable Stress(AS) [2]	Inventory rating	21.2 metric ton = 23.3 tons
9.3 km = 5.8 mi	Method to determine operating rating	Allowable Stress(AS) [2]	Operating rating	55.5 metric ton = 61.1 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	MS 18 / HS 20 [5]

Functional Details

Average Daily Traffic	11400	Average daily truck traffi	8	%	Year	2008	Future average daily traffic	11500	Year	2029
Road classification	Other Principal Arterial (Urban) [14]		Lanes on structure	2		Approach roadway width	15.8 m = 51.8 ft			
Type of service on bridge	Highway-pedestrian [5]		Direction of traffic	2 - way traffic [2]		Bridge median				
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Railroad-waterway [7]		Lanes under structure	0		Navigation control	Navigation control on waterway (bridge permit required). [1]			
Navigation vertical clearanc	19.5 m = 64.0 ft			Navigation horizontal clearance	127.4 m = 418.0 ft					
Minimum navigation vertical clearance, vertical lift bridge				Minimum vertical clearance over bridge roadway	6.04 m = 19.8 ft					
Minimum lateral underclearance reference feature	Railroad beneath structure [R]									
Minimum lateral underclearance on right	7.6 m = 24.9 ft				Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	15.73 m = 51.6 ft			Minimum vertical underclearance reference feature	Railroad beneath structure [R]					
Appraisal ratings - underclearances	Superior to present desirable criteria [9]									

Repair and Replacement Plans

Type of work to be performed	Work done by Work to be done by contract [1]									
Bridge deck rehabilitation with only incidental widening. [36]	Bridge improvement cost	7045000			Roadway improvement cost					
	Length of structure improvement	497 m = 1630.7 ft			Total project cost	19700000				
	Year of improvement cost estimate	2006								
	Border bridge - state	Unknown [555]				Border bridge - percent responsibility of other state	50			
	Border bridge - structure number	B47002400000000								

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="Satisfactory [6]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Equal to present minimum criteria [6]"/>
Condition ratings - substructure	<input type="text" value="Fair [5]"/>	Appraisal ratings - deck geometry	<input type="text" value="Meets minimum tolerable limits to be left in place as is [4]"/>
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="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 adequacy	<input type="text" value="Equal to present desirable criteria [8]"/>	Status evaluation	<input type="text"/>
Pier or abutment protection	<input type="text" value="Navigation protection not required [1]"/>	Sufficiency rating	<input type="text" value="43.8"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - transitions	<input type="text"/>		
Traffic safety features - approach guardrail	<input type="text" value="Inspected feature meets currently acceptable standards. [1]"/>		
Traffic safety features - approach guardrail ends	<input type="text"/>		
Inspection date	<input type="text" value="June 2011 [0611]"/>	Designated inspection frequency	<input type="text" value="12"/> Months
Underwater inspection	<input type="text" value="Unknown [Y60]"/>	Underwater inspection date	<input type="text" value="June 2011 [0611]"/>
Fracture critical inspection	<input type="text" value="Every two years [Y24]"/>	Fracture critical inspection date	<input type="text" value="June 2011 [0611]"/>
Other special inspection	<input type="text" value="Unknown [Y48]"/>	Other special inspection date	<input type="text" value="June 2010 [0610]"/>