

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.  
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**Basic Information**

Minnesota [27] Washington County [163] Stillwater [62824] at Wisconsin state line 45-03-24 = 45.056667 092-48-07 = - 92.801944

4654 Highway agency district 5 Owner State Highway Agency [01] Maintenance responsibility State Highway Agency [01]

Route 36 MNTH 36 Toll On free road [3] Features intersected St Croix River & Park Rd

Design - main Steel [3] Design - approach Concrete [1] Kilometerpoint 0 km = 0.0 mi  
 7 Movable - Lift [15] 3 Slab [01] Year built 1930 Year reconstructed #Num!  
 Skew angle 0 Structure Flared  
 Historical significance Bridge is on the NRHP. [1]

Total length 326.1 m = 1069.9 ft Length of maximum span 43.8 m = 143.7 ft Deck width, out-to-out 7.4 m = 24.3 ft Bridge roadway width, curb-to-curb 7 m = 23.0 ft

Inventory Route, Total Horizontal Clearance 7 m = 23.0 ft Curb or sidewalk width - left 0 m = 0.0 ft Curb or sidewalk width - right 1.5 m = 4.9 ft

Deck structure type Concrete Cast-in-Place [1]

Type of wearing surface Monolithic Concrete (concurrently placed with structural deck) [1]

Deck protection Epoxy Coated Reinforcing [1]

Type of membrane/wearing surface

**Weight Limits**

Bypass, detour length 2.3 km = 1.4 mi Method to determine inventory rating Load Factor(LF) [1] Inventory rating 21.2 metric ton = 23.3 tons

Method to determine operating rating Load Factor(LF) [1] Operating rating 32.7 metric ton = 36.0 tons

Bridge posting 30.0 - 39.9 % below [1] Design Load M 13.5 / H 15 [2]

### Functional Details

Average Daily Traffic	18000	Average daily truck traffi	3	%	Year	2004	Future average daily traffic	18000	Year	2029
Road classification	Other Principal Arterial (Urban) [14]		Lanes on structure	2		Approach roadway width	9.4 m = 30.8 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	Highway-waterway [6]		Lanes under structure	2		Navigation control	Navigation control on waterway (bridge permit required). [1]			
Navigation vertical clearanc	19.2 m = 63.0 ft			Navigation horizontal clearance	29.9 m = 98.1 ft					
Minimum navigation vertical clearance, vertical lift bridge	4.5 m = 14.8 ft				Minimum vertical clearance over bridge roadway	3.99 m = 13.1 ft				
Minimum lateral underclearance reference feature	Highway beneath structure [H]									
Minimum lateral underclearance on right	0.1 m = 0.3 ft				Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	2.87 m = 9.4 ft			Minimum vertical underclearance reference feature	Highway beneath structure [H]					
Appraisal ratings - underclearances	Basically intolerable requiring high priority of replacement [2]									

### 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 roadway geometry. [31]	Bridge improvement cost	6065000			Roadway improvement cost	3020000				
	Length of structure improvement	321 m = 1053.2 ft			Total project cost	45300000				
	Year of improvement cost estimate	2011								
	Border bridge - state	Unknown [555]				Border bridge - percent responsibility of other state	50			
	Border bridge - structure number	B55091900000000								

## Inspection and Sufficiency

Structure status	Posted for load [P]	Appraisal ratings - structural	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - superstructure	Poor [4]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of replacement [2]
Condition ratings - deck	Very Good [8]		
Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]		
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. [6]		
Appraisal ratings - water adequacy	Basically intolerable requiring high priority of replacement [2]	Status evaluation	Structurally deficient [1]
Pier or abutment protection	Navigation protection not required [1]	Sufficiency rating	17.8
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail	Inspected feature meets currently acceptable standards. [1]		
Traffic safety features - approach guardrail ends	Inspected feature meets currently acceptable standards. [1]		
Inspection date	August 2011 [0811]	Designated inspection frequency	12 Months
Underwater inspection	Unknown [Y60]	Underwater inspection date	August 2011 [0811]
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	August 2011 [0811]
Other special inspection	Not needed [N]	Other special inspection date	