

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]	Dakota County [037]	Mendota Heights [41696]	0.5 MI SE OF JCT TH 5	44-53-05 = 44.884722	093-10-25 = - 93.173611
4190	Highway agency district 5	Owner State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route 55	TH 55	Toll On free road [3]	Features intersected	MINN RIVER, RR, STREET	
Design - main	Concrete continuous [2]	Design - approach	Concrete [1]	Kilometerpoint	0 km = 0.0 mi
13	Arch - Deck [11]	6	Other [00]	Year built	1926
				Year reconstructed	1992
				Skew angle	0
				Structure Flared	
				Historical significance	Bridge is on the NRHP. [1]
Total length	1253.7 m = 4113.4 ft	Length of maximum span	92.7 m = 304.1 ft	Deck width, out-to-out	28 m = 91.9 ft
				Bridge roadway width, curb-to-curb	21.6 m = 70.9 ft
Inventory Route, Total Horizontal Clearance	10.8 m = 35.4 ft	Curb or sidewalk width - left	2.4 m = 7.9 ft	Curb or sidewalk width - right	1.2 m = 3.9 ft
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Low slump Concrete [4]				
Deck protection	Epoxy Coated Reinforcing [1]				
Type of membrane/wearing surface					

**Weight Limits**

Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	52.3 metric ton = 57.5 tons
0.5 km = 0.3 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	86.5 metric ton = 95.2 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	MS 22.5 / HS 25 [9]

### Functional Details

Average Daily Traffic  Average daily truck traffi  % Year  Future average daily traffic  Year

Road classification  Lanes on structure  Approach roadway width

Type of service on bridge  Direction of traffic  Bridge median

Parallel structure designation

Type of service under bridge  Lanes under structure  Navigation control

Navigation vertical clearanc  Navigation horizontal clearance

Minimum navigation vertical clearance, vertical lift bridge  Minimum vertical clearance over bridge roadway

Minimum lateral underclearance reference feature

Minimum lateral underclearance on right  Minimum lateral underclearance on left

Minimum Vertical Underclearance  Minimum vertical underclearance reference feature

Appraisal ratings - underclearances

### Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost  Roadway improvement cost

Length of structure improvement  Total project cost

Year of improvement cost estimate

Border bridge - state  Border bridge - percent responsibility of other state

Border bridge - structure number

## Inspection and Sufficiency

Structure status	<input type="text" value="Open, no restriction [A]"/>	Appraisal ratings - structural	<input type="text" value="Better than present minimum criteria [7]"/>
Condition ratings - superstructure	<input type="text" value="Good [7]"/>	Appraisal ratings - roadway alignment	<input type="text" value="Equal to present desirable criteria [8]"/>
Condition ratings - substructure	<input type="text" value="Good [7]"/>	Appraisal ratings - deck geometry	<input type="text" value="Better than present minimum criteria [7]"/>
Condition ratings - deck	<input type="text" value="Good [7]"/>		
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="Superior to present desirable criteria [9]"/>	Status evaluation	<input type="text"/>
Pier or abutment protection	<input type="text" value="Navigation protection not required [1]"/>	Sufficiency rating	<input type="text" value="84.4"/>
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" value="Inspected feature meets currently acceptable standards. [1]"/>		
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" value="Inspected feature meets currently acceptable standards. [1]"/>		
Inspection date	<input type="text" value="August 2010 [0810]"/>	Designated inspection frequency	<input type="text" value="24"/> Months
Underwater inspection	<input type="text" value="Unknown [Y60]"/>	Underwater inspection date	<input type="text" value="August 2010 [0810]"/>
Fracture critical inspection	<input type="text" value="Unknown [N00]"/>	Fracture critical inspection date	<input type="text"/>
Other special inspection	<input type="text" value="Not needed [N]"/>	Other special inspection date	<input type="text"/>