

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]	Hennepin County [053]	St. Louis Park [57220]	0.3 N OF JCT TH 7	44-56-54 = 44.948333	093-20-51 = - 93.347500
5598	Highway agency district 5	Owner State Highway Agency [01]	Maintenance responsibility State Highway Agency [01]		
Route 5	Minnetonka Blvd	Toll On free road [3]	Features intersected TH 100		
Design - main Concrete [1]	Design - approach	Kilometerpoint 0 km = 0.0 mi	Year built 1939	Year reconstructed #Num!	
2	Girder and floorbeam system [03]	0	Other [00]	Skew angle 0	Structure Flared
				Historical significance	Bridge is not eligible for the NRHP. [5]
Total length 49.9 m = 163.7 ft	Length of maximum span 13.5 m = 44.3 ft	Deck width, out-to-out 23.8 m = 78.1 ft	Bridge roadway width, curb-to-curb 17.1 m = 56.1 ft		
Inventory Route, Total Horizontal Clearance 17 m = 55.8 ft	Curb or sidewalk width - left 2.3 m = 7.5 ft	Curb or sidewalk width - right 2.3 m = 7.5 ft			
Deck structure type	Concrete Cast-in-Place [1]				
Type of wearing surface	Bituminous [6]				
Deck protection	Not applicable (applies only to structures with no deck) [N]				
Type of membrane/wearing surface					

Weight Limits

Bypass, detour length 0 km = 0.0 mi	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	39.2 metric ton = 43.1 tons
	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	65.7 metric ton = 72.3 tons
Bridge posting	Equal to or above legal loads [5]	Design Load	MS 18 / HS 20 [5]	

Functional Details

Average Daily Traffic	19100	Average daily truck traffi		%	Year	2005	Future average daily traffic	19100	Year	2029
Road classification	Minor Arterial (Urban) [16]		Lanes on structure	4	Approach roadway width	17.4 m = 57.1 ft				
Type of service on bridge	Highway-pedestrian [5]		Direction of traffic	2 - way traffic [2]		Bridge median	Closed median (no barriers) [2]			
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Highway, with or without ped		Lanes under structure	4	Navigation control	Not applicable, no waterway. [N]				
Navigation vertical clearanc	0 = N/A		Navigation horizontal clearance	0 = N/A						
Minimum navigation vertical clearance, vertical lift bridge			Minimum vertical clearance over bridge roadway	30.48 m = 100.0 ft						
Minimum lateral underclearance reference feature	Highway beneath structure [H]									
Minimum lateral underclearance on right	3.3 m = 10.8 ft				Minimum lateral underclearance on left	1.1 m = 3.6 ft				
Minimum Vertical Underclearance	4.21 m = 13.8 ft		Minimum vertical underclearance reference feature	Highway beneath structure [H]						
Appraisal ratings - underclearances	Basically intolerable requiring high priority of corrective action [3]									

Repair and Replacement Plans

Type of work to be performed	Work done by	Work to be done by contract [1]								
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost	2012000	Roadway improvement cost	90000						
	Length of structure improvement	55 m = 180.5 ft		Total project cost	1350000					
	Year of improvement cost estimate	2011								
	Border bridge - state				Border bridge - percent responsibility of other state					
	Border bridge - structure number									

Inspection and Sufficiency

Structure status

Open, no restriction [A]

Appraisal ratings -
structural

Meets minimum tolerable limits to be left in place as is [4]

Condition ratings - superstructure

Poor [4]

Appraisal ratings -
roadway alignment

Better than present minimum criteria [7]

Condition ratings - substructure

Fair [5]

Appraisal ratings -
deck geometry

Somewhat better than minimum adequacy to tolerate being left in place as is [5]

Condition ratings - deck

Poor [4]

Scour

Bridge not over waterway. [N]

Channel and channel protection

Not applicable. [N]

Appraisal ratings - water adequacy

N/A [N]

Status evaluation

Structurally deficient [1]

Pier or abutment protection

Sufficiency rating

63

Culverts

Not applicable. Used if structure is not a culvert. [N]

Traffic safety features - railings

Traffic safety features - transitions

Traffic safety features - approach guardrail

Traffic safety features - approach guardrail ends

Not applicable or a safety feature is not required. [N]

Inspection date

May 2011 [0511]

Designated inspection frequency

12

Months

Underwater inspection

Unknown [N00]

Underwater inspection date

Fracture critical inspection

Unknown [N00]

Fracture critical inspection date

Other special inspection

Not needed [N]

Other special inspection date