

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] Minneapolis [43000] 0.1 MI S OF JCT E 46TH S 44-55-05 = 44.918056 093-13-55 = - 93.231944

90592 Highway agency district 5 Owner City or Municipal Highway Agency [04] Maintenance responsibility City or Municipal Highway Agency [04]

Route 431 28TH AVE S Toll On free road [3] Features intersected MINNEHAHA CREEK

Design - main Concrete [1] Design - approach Other [00] Kilometerpoint 0 km = 0.0 mi

1 Arch - Deck [11] 0 Other [00] Year built 1904 Year reconstructed #Num!

Skew angle 0 Structure Flared

Historical significance Bridge is eligible for the NRHP. [2]

Total length 8.2 m = 26.9 ft Length of maximum span 8.2 m = 26.9 ft Deck width, out-to-out 16.2 m = 53.2 ft Bridge roadway width, curb-to-curb 13.4 m = 44.0 ft

Inventory Route, Total Horizontal Clearance 13.4 m = 44.0 ft Curb or sidewalk width - left 1.4 m = 4.6 ft Curb or sidewalk width - right 1.5 m = 4.9 ft

Deck structure type Not applicable [N]

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 0.3 km = 0.2 mi Method to determine inventory rating Allowable Stress(AS) [2] Inventory rating 19.6 metric ton = 21.6 tons

Method to determine operating rating Allowable Stress(AS) [2] Operating rating 29.4 metric ton = 32.3 tons

Bridge posting Equal to or above legal loads [5] Design Load

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="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 desirable criteria [8]"/>
Condition ratings - substructure	<input type="text" value="Satisfactory [6]"/>	Appraisal ratings - deck geometry	<input type="text" value="Better than present minimum criteria [7]"/>
Condition ratings - deck	<input type="text" value="Not Applicable [N]"/>		
Scour	<input type="text" value="Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]"/>		
Channel and channel protection	<input type="text" value="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	<input type="text" value="Equal to present desirable criteria [8]"/>	Status evaluation	<input type="text"/>
Pier or abutment protection	<input type="text"/>	Sufficiency rating	<input type="text" value="83.3"/>
Culverts	<input type="text" value="Not applicable. Used if structure is not a culvert. [N]"/>		
Traffic safety features - railings	<input type="text"/>		
Traffic safety features - transitions	<input type="text" value="Not applicable or a safety feature is not required. [N]"/>		
Traffic safety features - approach guardrail	<input type="text" value="Not applicable or a safety feature is not required. [N]"/>		
Traffic safety features - approach guardrail ends	<input type="text" value="Not applicable or a safety feature is not required. [N]"/>		
Inspection date	<input type="text" value="July 2011 [0711]"/>	Designated inspection frequency	<input type="text" value="12"/> Months
Underwater inspection	<input type="text" value="Unknown [N00]"/>	Underwater inspection date	<input type="text"/>
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"/>