

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] Hennepin County [053] Minneapolis [43000] 0.1 MI N OF JCT LAKE ST 44-57-01 = 44.950278 093-16-04 = - 93.267778

90494 Highway agency district 5 Owner Railroad [27] Maintenance responsibility County Highway Agency [02]

Route 35 CSAH 35(PORTLAND) Toll On free road [3] Features intersected HCRRA

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

3 Girder and floorbeam system [03] 0 Other [00] Year built 1914 Year reconstructed #Num!

Skew angle 0 Structure Flared

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

Total length 28.7 m = 94.2 ft Length of maximum span 9.7 m = 31.8 ft Deck width, out-to-out 17.8 m = 58.4 ft Bridge roadway width, curb-to-curb 11.9 m = 39.0 ft

Inventory Route, Total Horizontal Clearance 11.9 m = 39.0 ft Curb or sidewalk width - left 2.4 m = 7.9 ft Curb or sidewalk width - right 2.4 m = 7.9 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 0.2 km = 0.1 mi Method to determine inventory rating Allowable Stress(AS) [2] Inventory rating 23.9 metric ton = 26.3 tons

Method to determine operating rating Allowable Stress(AS) [2] Operating rating 45.5 metric ton = 50.1 tons

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

Functional Details

Average Daily Traffic	12713	Average daily truck traffi		%	Year	2008	Future average daily traffic	12300	Year	2029
Road classification	Minor Arterial (Urban) [16]		Lanes on structure	3	Approach roadway width	17.1 m = 56.1 ft				
Type of service on bridge	Highway-pedestrian [5]		Direction of traffic	1 - way traffic [1]		Bridge median				
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Pedestrian-bicycle [3]		Lanes under structure	0	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	Feature not a highway or railroad [N]									
Minimum lateral underclearance on right	2.5 m = 8.2 ft				Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	5.52 m = 18.1 ft		Minimum vertical underclearance reference feature	Feature not a highway or railroad [N]						
Appraisal ratings - underclearances	N/A [N]									

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	836000	Roadway improvement cost	100000						
	Length of structure improvement	34 m = 111.6 ft		Total project cost	862000					
	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	Equal to present desirable criteria [8]
Condition ratings - substructure	Poor [4]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrective action [3]
Condition ratings - deck	Fair [5]		
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	41.6
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions	Not applicable or a safety feature is not required. [N]		
Traffic safety features - approach guardrail	Not applicable or a safety feature is not required. [N]		
Traffic safety features - approach guardrail ends	Not applicable or a safety feature is not required. [N]		
Inspection date	September 2011 [0911]	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	