HistoricBridges.org - National Bridge Inventory Data Sheet

The National Bridge Inventory contains data submitted by state transportion 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 44-57-00 = 093-17-00 = -									
Minnesota [27]		Hennepin County	[053]	Minneapolis [43000]	0.1 MI N OF	/II N OF LAKE ST		44.950000	93.283333
#Num! Highway			ency district 5	Owner County High	Owner County Highway Agency [02] Main		e responsibility	County Highway Agency [02]	
Route 714 GRAND AVE S			Toll On free road [3] Features intersected MIDTOWN C			GREENWAY			
Design - main Concrete continuous [2] Design - approach Girder and floorbeam system [03] 0		approach	Cother [00] Kilometerpoi Year built Skew angle		1914 Year re	constructed #Nu	m!		
					Historical sig		is eligible for the N		
Total length 23.3 m = 106.0 ft Length of maximum span 13.7 m = 44.9 ft Deck width, out-to-out 14.9 m = 48.9 ft Bridge roadway width, curb-to-curb 9.1 m = 29.9 ft									
Inventory Route, Total Horizontal Clearance 9.1 m = 29.9 ft Curb or sidew					width - left 2	2.4 m = 7.9 ft	Curb or side	ewalk 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 (applie			olies only to structures with no deck) [N]						
Type of membrane/wearing surface									
Weight L	mits								
			ermine inventory rating Allowable Str		AS) [2]	Inventory rating	20.9 metric ton	= 23.0 tons	
0.2 km =	0.1 mi Method to determine operating rati		Allowable Stress(AS) [2]		Operating rating	erating rating 49.3 metric ton = 54.2 tons			
		Bridge posting	Equal to or abov	re legal loads [5]		Design Load			

Functional Details										
Average Daily Traffic 970 Average daily tr	uck traffi % Year 2007 Future average daily traffic 970 Year 2029									
Road classification Local (Urban) [19]	Lanes on structure 2 Approach roadway width 9.8 m = 32.2 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 Pedestrian-bicycle [3]	Lanes under structure 0 Navigation control Not applicable, no waterway. [N]									
Navigation vertical clearance 0 = N/A Navigation horizontal clearance 0 = N/A										
Minimum navigation vertical clearance, vertical lift brid	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 0 = N/A Minimum lateral underclearance on left 0 = N/A										
Minimum Vertical Underclearance 0 = N/A Minimum vertical underclearance reference feature Feature not a highway or railroad [N]										
Appraisal ratings - underclearances N/A [N]										
Denois and Denlessment Dlane										
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 improvement cost 514000 Roadway improvement cost 32000									
bridge roadway geometry. [31]	Length of structure improvement 39 m = 128.0 ft Total project cost 481000									
	Year of improvement cost estimate 2006									
	Border bridge - state Border bridge - percent responsibility of other state									
	Border bridge - structure number									

Inspection and Sufficiency						
Structure status Open, no res	triction [A]	Appraisal ratings - structural	Somewhat better than minimum adequacy to tolerate being left in place as is [5]			
Condition ratings - superstructur	Satisfactory [6]	Appraisal ratings - roadway alignment	Equal to present desirable criteria [8]			
Condition ratings - substructure	Fair [5]	Appraisal ratings -	Equal to present minimum criteria [6]			
Condition ratings - deck	Satisfactory [6]	deck geometry				
Scour	Bridge not over waterwa	ay. [N]				
Channel and channel protection	Not applicable. [N]					
Appraisal ratings - water adequac	y N/A [N]		Status evaluation			
Pier or abutment protection			Sufficiency rating 67.4			
Culverts Not applicable. Used	if structure is not a culvert. [N]					
Traffic safety features - railings	Inpecte	ed feature meets currently acce	ptable standards. [1]			
Traffic safety features - transition	Not ap	plicable or a safety feature is no	ot required. [N]			
Traffic safety features - approach	n guardrail Not ap	plicable or a safety feature is no	ot required. [N]			
Traffic safety features - approach		plicable or a safety feature is no	ot required. [N]			
Inspection date June 2011 [0	Designated	l inspection frequency 12	Months			
·	Unknown [N00]	Underwater inspec				
	Unknown [N00]	Fracture critical in:				
Other special inspection	Not needed [N]	Other special insp	ection date			