



## Request for City Council Committee Action From the Department of Public Works

**Date:** April 6, 2010  
**To:** Honorable Sandra Colvin Roy, Chair Transportation & Public Works Committee  
**Referral to:** Honorable Betsy Hodges, Chair Ways & Means/Budget Committee  
**Subject:** **Chicago Bridge Cost Participation**

**Recommendation:**

- 1) Authorize the proper City Officials to negotiate and execute an Agreement with the Minnesota Department of Transportation for the City of Minneapolis costs associated with the Bridge Deck replacement of the Chicago Avenue Bridge over I-94.

**Previous Directives:**

None

**Prepared by:** Greg Schroeder, P.E., Transportation, Planning & Engineering 673-3718  
Don Elwood, P.E., Transportation, Planning & Engineering 673-3622

**Approved by:**

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Steven A. Kotke, P.E., City Engineer, Director of Public Works

**Presenters:** Greg Schroeder, P.E., Transportation, Planning & Engineering 673-3718

**Reviews:**

Permanent Review Committee (PRC):	Approval	<b>NA</b>	Date
Civil Rights Affirmative Action Plan	Approval	<b>NA</b>	Date
Policy Review Group (PRG):	Approval	<b>NA</b>	Date

**Financial Impact**

Action is within current department budget

**Community Impact**

Neighborhood Notification: Not Applicable

City Goals: Maintain the physical infrastructure to ensure a healthy, vital and safe city

Comprehensive Plan: Not Applicable

Zoning Code: Not Applicable

**Background/Supporting Information**

MnDOT is replacing the bridge deck on the Chicago Avenue Bridge over I-94 in 2010 and requested city input on the design of the project. Based on Minneapolis pedestrian and aesthetic design guidelines, the city will contribute \$149,566.50 to the project to install the City of Minneapolis enhanced railing and low level pedestrian lighting on this bridge structure.

### **Chicago Avenue Bridge Project**

The existing 341 foot long bridge over I-94 is 69.5 feet wide with two 8 foot wide sidewalks; two 26.75 foot wide travel lanes.

Based on our Pedestrian Design Guidelines the city strives for 12 foot wide sidewalks on bridges. MnDOT indicated that due to structural restrictions, they could only widen the sidewalk to 10 feet on each side on this bridge.

The City of Minneapolis has an aesthetic design standard for bridges within the City that enhance the bridge railing design from MnDOT's chain-link fence design to a metal railing design. The following photographs show MnDOT's existing chain-link design on the existing Chicago Bridge over I-94 and the City aesthetic design standard on the Riverside Avenue Bridge over I-94.

### **Funding**

The cost estimate for the city's portion of this project is estimated to be approximately \$149,566.50. This includes \$71,812.50 for the costs of associated with the railing modification and \$67,000.00 to cover of the lighting. These costs can be paid for using Municipal State Aid (MSA) funding since this work is occurring on a MSA route.

There are sufficient funds in the Chicago Reconstruction Project (PV029) to cover the cost of this work; therefore, no additional funding is needed. All expenses related to this bridge re-decking project will be charged to the Chicago Avenue Reconstruction Project (PV029).

Cc: Council Member Lisa Goodman  
Mike Kennedy  
Jon Wertjes  
Craig Troutman  
Bill Schroeder  
Jack Qvale  
Mike Abeln  
Bob Carlson

### Chicago Bridge over I-94



### Bridge Railing Example Photographs



Existing MnDOT Railing on Chicago



**Minneapolis Standard Railing**

**RESOLUTION \_\_\_\_\_**  
**By Colvin Roy**

**Resolution Authorizing Negotiation and Execution of an Agreement with the Minnesota Department of Transportation**

Resolved by The City Council of the City of Minneapolis:

That the proper City Officers are authorized to negotiate and execute an Agreement with the Minnesota Department of Transportation for the City of Minneapolis costs associated with the Bridge Deck replacement of the Chicago Bridge over I-94.