

## Meeting Agendas/Info

CITY COUNCIL  
COMMUNICATION:

ITEM \_\_\_\_\_

01-643

### OFFICE OF THE CITY MANAGER CITY OF DES MOINES, IOWA

#### SYNOPSIS -

AGENDA:

DECEMBER 17, 2001

Changes to the maximum load limits on the SW 9th Street Bridge over the Raccoon River and the SW 9th Street Viaduct over Martin Luther King, Jr. Parkway have been reviewed by staff and are recommended for approval.

SUBJECT:

MAXIMUM LOAD  
LIMITS ON SW 9TH  
STREET BRIDGE  
OVER THE  
RACCOON RIVER  
AND THE SW 9TH  
STREET VIADUCT  
OVER MARTIN  
LUTHER KING JR.  
PARKWAY

#### FISCAL IMPACT -

Minor costs for signing to be paid from Traffic and Transportation Division Operating Budget. The current Capital Improvements Program shows approved federal funding for major renovations of the SW 9th Street Bridge over Raccoon in Fiscal Year (FY) 2003. The SW 9th Street Viaduct is on the list of bridges eligible for Federal Bridge Repair and Replacement Funds, which we anticipate to be available in FY2004.

#### RECOMMENDATION -

TYPE:

**Receive, file, and refer to Legal Department for proper legislation.**

RESOLUTION  
ORDINANCE

RECEIVE/FILE

#### BACKGROUND -

SUBMITTED BY:

FLOYD BENTZ, P.E.  
CITY ENGINEER

As part of the design of the bridge rehabilitation for the SW 9th Street Bridge, a structural engineer has been retained for a structural evaluation of the SW 9th Street Bridge over the Raccoon River and the SW 9th Street Viaduct over Martin Luther King, Jr. Parkway. These evaluations show that the deterioration of these bridges is such that they are unable to safely carry heavy loads. Emergency repairs will be made to both of these structures as soon as possible. Until these repairs are made, it is necessary to limit the maximum load on the bridges to 20 tons. The initial 20-ton limit will be modified by the City Engineer as required, based upon the structural engineer's recommendations.

Full restoration of the SW 9th Street Bridge is scheduled in calendar year 2003 and the SW 9th Street Viaduct is scheduled for full rehabilitation in calendar year 2004.

The Traffic and Transportation Division will post load limit signs and truck detour signs under an emergency police order, pending the ordinance change.

**SEC. 114-460.03. MAXIMUM LOAD LIMIT FOR CERTAIN DESIGNATED BRIDGES AND VIADUCTS.**

Southwest Ninth Street Bridge, over the Raccoon River, a maximum load limit of twenty tons.

Southwest Ninth Street Viaduct, over Martin Luther King, Jr. Parkway, a maximum load limit of twenty tons.

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