



Agenda Item:

7

COUNCIL COMMUNICATION City Manager's Office

GENERAL INFORMATION

Agenda Date: 03/08/2004
124

Communication No.: 04-

Agenda Item Type: Resolution
No.:

Roll Call

Submitted by: Jeb E. Brewer, P.E., City Engineer

SUBJECT—

Approving & authorizing the execution of Iowa Department of Transportation Agreement for SW 8th Street Viaduct over M.L. King Parkway Rehabilitation

SYNOPSIS—

The Iowa Department of Transportation (IaDOT) has proposed an agreement between the City of Des Moines and the IaDOT for SW 8th Street Viaduct over M.L. King Parkway Rehabilitation. The agreement provides for 80% Federal participation, up to a maximum of \$1,000,000 in Federal-aid Highway Bridge Replacement and Rehabilitation funds. The total estimated project cost is \$2,500,000.

FISCAL IMPACT—

Funding for this project is available in the 2004-05 Capital Improvements Program Budget, Index Code 323543, Account 543010, Fund CP032, Organization ENG990000, Project BRV035 – S.W. Eighth Street Viaduct over Martin Luther King, Jr. Parkway.

RECOMMENDATION—

Approval.

BACKGROUND—

Due to the condition of the structure, it has become eligible for Federal Bridge Replacement and Rehabilitation (HBRR) funds. The agreement with IaDOT specifies that 80 percent of the construction costs and 80 percent of the engineering design and construction inspection costs are eligible for Federal funding up to a maximum of \$1 million. The remaining \$1,500,000 of the estimated cost would be the responsibility of the City of Des Moines and is programmed in the current CIP.

The proposed rehabilitation project includes deck replacement, new expansion joints and structural repairs to the piers. A 1996 study of this viaduct indicates that it is showing signs of deterioration, especially in the asphaltic concrete wearing surface, which will be replaced by a high-density Portland cement concrete overlay. This project will extend the service life of the viaduct 20 to 30 years. A consultant will be utilized for design and some construction phase services. The viaduct will be closed during construction and traffic will be detoured to the S.W. Ninth Street viaduct during this time. Construction is planned to begin in 2006.