

**CITY COUNCIL  
COMMUNICATION:**

**ITEM \_\_\_\_\_**

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

**99-404**

**SYNOPSIS -**

**AGENDA:**

SEPTEMBER 13, 1999

In order to provide a consistent level of flood protection, the City has pursued an agreement with the U. S. Army Corps of Engineers to perform a feasibility study on the Des Moines and Raccoon Rivers, and the major tributaries of Walnut Creek and Four Mile Creek, including the outlet of the Seventh Ward Ditch. This study will be conducted over a four-year period, with hydrologic and hydraulic analysis completed in the first year. Future years will involve analysis of the existing system to determine the need for improvements and any federal funding which may be available to assist in the improvements.

**SUBJECT:**

AGREEMENT WITH  
THE U.S. ARMY  
CORPS OF  
ENGINEERS FOR  
THE DES MOINES  
AND RACCOON  
RIVERS  
FEASIBILITY  
STUDY

**FISCAL IMPACT -**

50% Federal:	\$225,000
50% Local:	\$225,000 [\$25,000 Stormwater Utility Operating Budget and \$200,000 Capital Improvements Program (CIP)]

**TYPE:**

**RESOLUTION**  
ORDINANCE  
RECEIVE/FILE

**RECOMMENDATION -**

**SUBMITTED BY:**

FLOYD BENTZ, P.E.  
CITY ENGINEER

**Authorization for the Mayor to execute the agreement between the City and the U.S. Army Corps of Engineers for the Des Moines and Raccoon Rivers Feasibility Study.**

**BACKGROUND -**

Following the flood of 1993, the City recognized a need to perform a comprehensive study of the flood protection system in Des Moines. The levee system through Des Moines is partially owned by the U.S. Army Corps of Engineers and partially by the City.

Therefore, an agreement has been negotiated between the City and the Corps of Engineers to perform an analysis of the adequacy of the levee system. The schedule and level of funding projected for each year of the study is described below.

Funding for the first year of the study is provided for in the current FY99-00 CIP. At the time of preparation of the FY 99-00 CIP, only the first-year funding needs had been identified. In accordance with the above schedule, future years' funding will be proposed in the upcoming CIP. Should unforeseen delays be incurred, the agreement is written such that termination or suspension of the agreement can take place at any time by either party.

**Schedule and Level of Funding Projected for Each Year of Study**

	<b><u>FY2000</u></b>	<b><u>FY2001</u></b>	<b><u>FY2002</u></b>	<b><u>FY2003</u></b>	<b><u>Total</u></b>
Federal Funds	\$225,000	\$330,000	\$320,000	\$75,850	\$950,850
Sponsor Funds (cash)	90,000	265,000	290,000	64,250	709,250
Sponsor In-Kind Services (surveying)	110,000	33,100	0	0	143,100
Sponsor In-Kind Services (management & coord.)	25,000	31,900	30,000	11,600	98,500
<b>TOTAL</b>	<b>\$450,000</b>	<b>\$660,000</b>	<b>\$640,000</b>	<b>\$151,700</b>	<b>\$1,901,700</b>