

**CITY COUNCIL
COMMUNICATION:**

03-542

AGENDA:

NOVEMBER 17, 2003

SUBJECT:

PURCHASE
CAPACITY IN THE
LITTLE FOUR MILE
INTERCEPTOR FROM
THE CITY OF
ALTOONA

TYPE:

RESOLUTION
ORDINANCE
RECEIVE/FILE

SUBMITTED BY:

JEB E. BREWER, P.E.
CITY ENGINEER

WILLIAM G. STOWE
PUBLIC WORKS
DIRECTOR

ITEM _____

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

SYNOPSIS —

Approve the purchase of two million gallons per day (2 mgd) capacity in the Little Four Mile Creek Interceptor Sewer from the City of Altoona. The City of Altoona has constructed the interceptor sewer with sufficient capacity to accommodate the future flows of the City of Altoona and the City of Des Moines, as well as future flows from the City of Pleasant Hill.

FISCAL IMPACT —

The City of Des Moines will pay \$250,543.03 to the City of Altoona. Funding for this payment is included in Citywide Sanitary Sewers - Page 6 Sanitary Sewer Improvements of 2003-04/2008-09 Capital Improvement Program (CIP), Account 543040, Fund EN104, Organization PWK990000, Project SAE054.

RECOMMENDATION —

Approval.

BACKGROUND —

The City of Altoona has constructed an interceptor sewer located along Little Four Mile Creek from the Des Moines Metropolitan Wastewater Reclamation Authority (WRA) Four Mile Interceptor northeasterly to the east side of Highway 65. The project was called the Little Four Mile Creek Interceptor. The City of Des Moines has identified future service areas of the City of Des Moines for which sewer service would be through a sanitary sewer located along Little Four Mile Creek in the general corridor of the City of Altoona's Little Four Mile Creek Interceptor.

The City of Altoona and the City of Des Moines have determined it would be appropriate for the Little Four Mile Creek Interceptor Sewer to be sized with sufficient capacity to accommodate the future flows of the City of Altoona and the City of Des Moines, as well as future flows from the City of Pleasant Hill. The City of Des Moines has identified a long-term need for a capacity in the Little Four Mile Creek Interceptor of 2 mgd.

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The City of Altoona and the City of Des Moines have determined the cost of the design and construction of the Little Four Mile Creek Interceptor should be allocated proportionately between the participating parties on the basis of their respective capacity. The 2 mgd of capacity is 7.41 percent of the total capacity of the Little Four Mile Creek Interceptor Sewer. The City of Altoona and the City of Des Moines have determined that, based on the cost of the design and construction of the Little Four Mile Creek Interceptor, the cost for 2 mgd of capacity is \$250,543.03.

