

**CITY COUNCIL
COMMUNICATION:**

ITEM _____

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

98-485

SYNOPSIS —

AGENDA:

A change order in the amount of \$22,000 has been negotiated with The Underground Company, Ltd. for additional work in conjunction with the 1997 Sanitary Sewer Repair Contract No. 1. This change order will provide compensation to the contractor for repair of a 6-inch sanitary sewer service stub at 1004 Maury Street.

OCTOBER 26, 1998

SUBJECT:

**1997 SANITARY SEWER
REPAIR CONTRACT NO.
1, CHANGE ORDER NO. 3**

FISCAL IMPACT —

This change order will be funded from the Sanitary Sewer Fund, City-Wide Sanitary Sewers, in the Capital Improvements Budget.

TYPE:

***RESOLUTION
ORDINANCE
RECEIVE/FILE***

RECOMMENDATION —

Approval of Change Order No. 3 with The Underground Company, Ltd.

SUBMITTED BY:

**HAROLD E. SMITH, P. E.
CITY ENGINEER**

BACKGROUND —

On October 15, 1998, the Public Works Department was notified that a 6-inch vitrified clay sanitary sewer service stub at 1004 Maury Street was plugged and unable to be cleaned and had to be repaired. This sanitary sewer service stub was constructed in 1970 when the 12-inch sanitary line in Maury Street was constructed. At the time of original construction, a 25-foot long sanitary sewer service stub was constructed with the main line sanitary sewer.

Cleary Plumbing had been hired by Norman Thompson, the owner of the property at 1004 Maury Street, to construct a new sanitary sewer service to his home. After

Cleary Plumbing had exposed the sanitary sewer service stub which had been constructed by the City, this service line was found to be totally blocked and unable to be opened with either rodding or jet cleaning equipment. Since the City constructed this sanitary sewer service stub, staff feels that it is the City's responsibility to reconstruct this sanitary sewer service stub to provide service to 1004 Maury Street. The Public Works Department has requested that this work be done by a private contractor due to the shallow groundwater condition and the current work schedule of the Public Works Department (see attached memo).

Due to the high groundwater table (approximately 5-feet below the ground surface) and the depth of the sewer, which is approximately 12-feet deep, the contractor will be required to dewater the site, provide a trench box for protection of his workers, and will be required to provide support to the 30-inch storm sewer at this location. The contractor will be providing these services for a negotiated cost of \$22,000. The Public Works Department will replace the Portland Cement Concrete pavement after the contractor has backfilled the excavation.

Attachment