



**CITY COUNCIL
COMMUNICATION:**

ITEM _____

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

99-123

SYNOPSIS -

AGENDA:

Council authorization to proceed with design is requested for the East 20th Street Trunk Sanitary Sewer Relining project.

MARCH 22, 1999

SUBJECT:

FISCAL IMPACT -

1999-2000 CIP -
AUTHORIZATION TO
PROCEED ON PROJECT

Total cost for the project is estimated to be \$1,050,000.

TYPE:

Authorize the City Manager to proceed with the project as outlined herein.

RESOLUTION
ORDINANCE
RECEIVE/FILE

RECOMMENDATION -

SUBMITTED BY:

BACKGROUND -

FLOYD BENTZ, P. E.
ACTING CITY ENGINEER

On March 1, 1999, by Roll Call No. 99-604, the City Council adopted the 1999-2000/2004-2005 Capital Improvement Program (CIP). I hereby request Council authorization to proceed with the following CIP project:

Relining Sanitary Trunk Sewers - page 245
in the 1999-2000 CIP - \$1,050,000
estimated project cost.

This project provides for the installation of a cured-in-place liner in a 3,160-foot section of the East 20th Street sanitary box sewer. Approximately 2,100 feet of this sewer lies along the north edge of East Euclid Avenue from a manhole 500 feet east of East 14th Street to a manhole in the west parking of Dixon Avenue, and then the remaining 1,060 feet lies in an easement west of Dixon Avenue and south of East Euclid Avenue. The

work consists of cleaning the sanitary box sewer, bypass pumping the sanitary sewer flows, inserting the liner, and miscellaneous associated work including cleanup. The sanitary box consists of 770 feet of 24" x 36" box and 2,390 feet of 24" x 48" box sewer of which 370 feet lies under an existing building. This work is required because a leak has been discovered between the side-by-side sanitary and storm sewers. This has resulted in raw sewage entering the storm sewer system. The Iowa Department of Natural Resources has issued an Administrative Order to the City to correct this contamination problem.