

OFFICE OF THE CITY MANAGER
DES MOINES, IOWA

CITY COUNCIL COMMUNICATION 96-353
AUGUST 19, 1996 AGENDA

SUBJECT:	TYPE:	SUBMITTED BY:
1995/1996 CAPITAL IMPROVEMENTS PROGRAM—A UTHORIZATION TO PROCEED ON S.E. 8TH STREET AND GRANGER AVENUE SANITARY SEWER REPAIR	◆ RESOLUTION ORDINANCE RECEIVE/FILE	HAROLD SMITH CITY ENGINEER

SYNOPSIS —

Council authorization to proceed is requested for design of the S.E. 8th Street and Granger Avenue Sanitary Sewer Repair.

FISCAL IMPACT —

Funding for this project is included in the adopted Capital Improvements Program.

RECOMMENDATION —

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

BACKGROUND —

On October 23, 1995, by Roll Call No. 95-4069, the City Council adopted the 1995-96/2000-2001 Capital Improvements Program. I hereby request Council authorization to proceed with the following Capital Improvements Project:

S.E. 8th Street and Granger Avenue Sanitary Sewer Repair - City Wide Sanitary Sewers - page 202 in the adopted Capital Improvements Program - \$50,000 estimated construction cost.

This project would repair the hole in the P.C. concrete pavement at S.E. 8th Street and E. Granger Avenue and should prevent the reoccurrence of future similar problems. The cause of the pavement collapse has been traced to a collapse in the sanitary sewer pipe located 12 feet below the center of the street. This opening allowed the sandy soil above the pipe and beneath the pavement to enter and be carried away in the sewage flow thereby creating a void and leading to the pavement collapsing above this void. The work includes removing a portion of the remaining pavement, excavating and replacing the damaged sewer pipe, backfilling and replacing the pavement. Also, two offset sewer pipe joints immediately south of this intersection are possibly leaking. If so, this could lead to a collapse of the pavement some time in the future. These two joints will be tightness-treated and if found to be leaking, they will be sealed.