

ITEM	3
MANAGER'S REPORT NO.	33
COUNCIL MEETING	93/05/17

TO: CITY MANAGER

DATE: 1993 MAY 11

FROM: DIRECTOR ENGINEERING

FILE: 10-01-12

SUBJECT: WORK ORDERS: 60-21-104 WATERMAIN RENEWALS AT VARIOUS LOCATIONS (1993 PROGRAM).
60-30-081 MINOR UNSPECIFIED SANITARY SEWER PROJECTS AT VARIOUS LOCATIONS
60-30-082 SANITARY SEWER INFILTRATION AND INFLOW CONTROL PROGRAM

PURPOSE: To obtain approval of Work Orders 60-21-104, 60-30-081 and 60-30-082

RECOMMENDATION:

1. THAT the above work orders as more specifically referred to in this report, be approved.

REPORT

60-21-104 Watermain Renewals at Various Locations (1993 Program)

Charge: 1993 Capital Budget
Mains, pumping stations, etc. \$350,000

Additional information: This work order covers the cost of replacing aging and deteriorating watermains at various locations. The replacement of these mains would minimize the frequency of system breakage and failures with corresponding reductions in maintenance and repair costs. As part of the replacement program, upsizing of the mains would be included, if necessary, to enhance the water supply and fire flow. The estimated cost of the replacement program for 1993 is \$350,000.

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60-30-081 Minor Unspecified Sanitary Sewer Projects at Various Locations.

Charge: 1993 Capital Budget
Sanitary Sewer \$100,000

Additional Information: This work order provides a funding mechanism for site specific replacements and miscellaneous works in the event of system malfunctions to ensure continuity of sanitary sewer services to residents.

60-30-082 Sanitary Sewer Infiltration and Inflow Control Program.

Charge: 1993 Capital Budget
Sanitary Sewer. \$150,000

Additional Information: This work order provides funding for a continuing program of inspection and remedial work to reduce groundwater infiltration and surface water inflow to the sanitary sewer system. The reduction of infiltration and inflow to the sanitary system reduces the wastewater loadings at the City's pumping stations and Regional treatment facilities, hence reducing the overall capital and operating costs. The recently completed first phase comprised the Brentwood and Westridge sewerage areas where a combination of pipe replacements and in-situ joint grouting methods was used to upgrade the sewer system. This work order provides the required funding to continue with the program in other areas of high infiltration and inflow.


DIRECTOR ENGINEERING

AAS/LSC:
cc: Director Finance