

ITEM	5
MANAGER'S REPORT NO.	34
COUNCIL MEETING	94/05/30

TO: CITY MANAGER

DATE: 1994 MAY 20

FROM: DIRECTOR ENGINEERING

FILE: 10-01-12

SUBJECT: WORK ORDERS:

60-21-114 PUMP STATION ALARM SYSTEMS

60-30-089 SANITARY PUMP STATION UPGRADES - VARIOUS LOCATIONS

60-70-240 STRIDE DUMP - GAS MIGRATION

PURPOSE: To obtain approval of Work Orders 60-21-114, 60-30-089 and 60-70-240

RECOMMENDATION:

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

REPORT

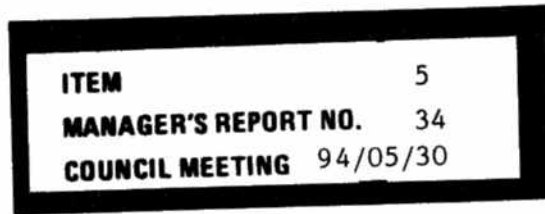
60-21-114 Pump Station Alarm Systems

Charge: 1994 Capital Budget

Water mains, pumping stations, etc.

\$50,000

Additional Information: In 1992, the City initiated a program to replace the existing outdated telemetry alarm monitoring system for water and sewer utility pumping stations. Phase I comprised of sanitary sewer and water pumping stations was completed in 1993. Phase II is scheduled for completion in 1994 and will consists of an expansion to include the 10th Avenue reservoir and also to increase the number of alarm points at each station. The improvements will significantly improve response time in event of station malfunction and enhance data capture capability at each station. Sufficient General Revenue Capital funds are available and provision for these expenditures have been included in the 1994 - 1998 Capital Program.



60-30-089 Sanitary Pump Station Upgrades - Various Locations

Charge: 1994 Capital Budget
Sanitary Extensions. \$50,000

Additional Information: There are several sewage pump stations and force mains of various ages within the sewer network. In the course of normal operations, the partial or complete replacement of pumps and other ancillary equipment is required. This work order provides funding for the replacement and upgrading of miscellaneous equipment at various locations. Sufficient General Revenue Capital funds are available and provision for these expenditures have been included in the 1994 - 1998 Capital Program.

60-70-240 Stride Dump - Gas Migration Control System

Charge: 1994 Capital Budget
Land Assembly and Development \$43,000

Additional Information: The City has been operating a methane gas control system at the Stride Avenue landfill site in the past several years. In 1994, it is proposed that additional monitoring works be undertaken to improve the effectiveness of the system and confirm the extent of any surface and ground water problems in surrounding areas with the view to developing appropriate permanent landfill closure procedures and environmental management strategies. Provision for these expenditures have been included in the 1994 - 1998 Capital Program under Land Assembly and Development.

DIRECTOR ENGINEERING

AAS/LSC:
cc: Director Finance
Director Planning & Building