

## **Richmond Discovers Waste = Food**

Plan development for modifications to the City of Richmond's existing wastewater treatment plant has been made possible thanks to SMC's efforts in developing a process model of the Richmond wastewater treatment plant. The data from modeling is being used to determine the feasibility of methane gas production from the anaerobic digesters. This information is critical to determining the viability of a \$5-million fuel cell cogeneration project for which the City has received \$2.25 million in grant money from PG&E.

This is part of the City of Richmond's \$160-million capital improvement program (CIP). SMC Infrastructure & Transportation Group has been selected by the City to provide Project Management, Construction Management and Inspection Services for this program.

### **Miles & Miles**

The CIP addresses both the extensive sanitary sewage and the stormwater collection systems. The sanitary collection system consists of a network of an estimated 185 miles of sewer lines with appurtenant manholes and 13 wastewater lift stations. The stormwater collection system consists of an estimated 94 miles of stormwater main lines, 3,300 catch basins, 1,200 manholes, six miles of open ditch, six miles of V ditch and seven stormwater lift stations.

Projects underway or completed include sanitary collection system replacement work valued at over \$3 million. This includes the removal and installation of over 5,800 linear feet of mainline sewer pipe along with over 60 connections to existing lateral services to the neighboring businesses and residents. Additional sewer pipe work is anticipated during 2007.

### **Hall of Justice**

Richmond City Council has also approved an extension to the contract to provide Project and Construction Management services for their Hall of Justice project. SMC is currently working with the City and the Police Department to relocate the police from the existing Hall of Justice to a temporary building while their new Civic Center/Hall of Justice is being planned, designed and constructed. The \$4-million project involves building tenant improvements at the new location and moving the entire police department. SMC will perform CM services in the design, bid and award, and construction phases, as well as provide oversight during the relocation.

The awarded contract is a direct result of Division Manager Steve MacLennan's relationship with the City. His success on previous projects led to the opportunity to introduce SMC's Infrastructure & Transportation Group.

*The SMC Project Team includes: Division Manager & Project Executive Steve MacLennan, PE; Senior Project Manager Tom Loomis, PE; Resident Engineer Rafey Kahn; Rick Fuller; and Project Manager Bob Addiego. Igor Shahnazarian also contributed to the construction, inspection, scheduling and estimating efforts.*