

# Villa Park Highlights



## REHABILITATING THE CITY'S SEWER SYSTEMS

Villa Park owns its sanitary sewer system. While below ground and rarely thought about by the vast majority of the community, the system provides a great benefit to residents. There are approximately 25 miles of collector and trunk sewers ranging in size from 8" to 15" diameter. There are about 500 sewer manholes throughout the City. The City has developed a set of sewer maps, which show the layout of the system. These maps are available at City Hall.

The sewer collection system is divided into two types of systems – local collectors and trunk sewers. A local collector consists of 8" vitrified clay pipe with a small amount of 6" vitrified clay pipe at various locations. These local collectors serve small areas. Trunk sewers serve as the systems main arteries and the local collectors as described above connect to the trunk systems. These trunk sewers convey the sewage to the City limit lines where it continues to flow into adjacent city/county sewage trunk facilities. Connected to the local collectors and/or trunk lines are sewer laterals serving each residence. Lateral lines are the responsibility of the property owner to maintain.

### What's Inside:

- Neighborhood Watch
- Fire Safety •
- City's Sewer Systems

The City sewer system can be summarized as follows: a) approximately 25 miles of collectors and trunk lines; b) collector lines; 90,000 linear feet, serving the major areas of development; c) 4 trunk lines (40,000 linear feet); d) a• Approximately 500 manholes; and e) one pump station – serving 15 homes.

In January 2004, the City prepared a Sanitary Sewer Master Plan Update. As a planning document, the Plan establishes a capital improvement and rehabilitation plan for the sanitary sewer system. The Plan includes three primary elements:

- > flow projection and sewer modeling to identify capacity deficiencies
- > Closed Circuit Television (CCTV) inspection and condition assessment to determine structural deficiencies
- > infiltration/inflow analysis

Based on the results of these analyses a Capital Improvement Program to address structural and capacity deficiencies was recommended. The system was evaluated for capacity deficiencies using hydraulic modeling. Deficiencies were based on industry-accepted evaluation criteria. The results of the capacity analysis indicated that 12,000 lineal feet of sewer mains have a future potential for upgrading so that the sewer could carry the projected peak flow rate under the existing and future population conditions. For areas where the depth of flow criteria will be exceeded, a parallel pipe will need to be installed.

Inflow/infiltration (I/I) is an industry term and refers to the amount of water from sources other than plumbing fixtures. Infiltration occurs everyday and adds to the base flow within the system. Inflow occurs during heavy rains and can add to the peak flows within the system. The level of Infiltration and Inflow (I/I) getting into the Villa Park sewers was reviewed the study indicated that the City does not have a significant I/I problem.

CCTV is a process of reviewing the condition of the pipe using closed circuit video camera. Trouble spots, such as cracked or broken tiles, offset joints, sagged

### Dates To Remember

- March 15th •  
NW Block CPT Mtg
- March 22nd •  
City Council Meeting
- April 5th •  
Town Hall Meeting
- April 26th •  
City Council Meeting

# Sanitary Sewer System

pipes, and blockages are quickly and precisely located without excavation. Approximately 38,284 linear feet of trunk lines, 59,184 linear feet of collector lines, and 376 sewer manholes were inspected in the summer and fall of 2003. The results of the investigation indicated that approximately 61,000 linear feet of pipe is in need of rehabilitation or spot repairs.

Capital Improvement Projects were divided into three (3) categories based on priority for the various identified maintenance, capacity, and rehabilitation needs. The estimated capital cost to repair those areas identified is: high priority projects is \$1.5 million; medium priority projects - \$2.25 million; low priority projects - \$2.4 million; and rehabilitation costs for the remainder of the maintenance segments and collector pipelines - \$2 million. **Total cost to rehabilitate the**

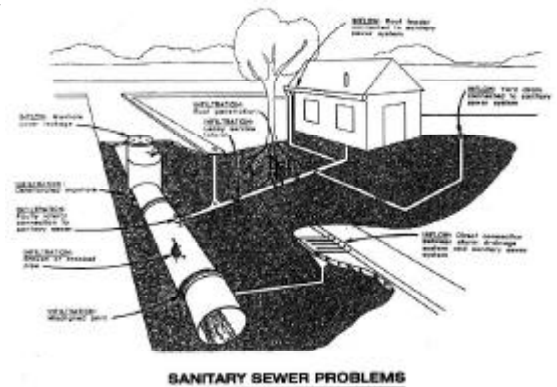
**entire system for rehabilitation, other than capacity - \$8.2 million.** In addition to the areas that can be rehabilitated, there are capital costs for capacity upgrade projects. These are the areas where either a large pipeline is necessary or a secondary parallel line is required. The estimated capital cost for capacity upgrades are: high priority - \$250,000; medium priority - \$750,000; and low priority - \$2 million. **The total cost to rehabilitate the capacity side of the system - \$3 million. The total of all improvements to the system, capacity and rehabilitation - \$11.2 million.** In addition to the costs identified above, the City incurs annual maintenance costs for routine cleaning, debris clearance, grease clearance, and other minor repairs. An annual budget of \$22,000 is maintained to fund annual maintenance projects.

So what happens if the City does not upgrade its sewer system? In April, 2002 the Regional Water Quality Control Board adopted the "General Waste Discharge Requirements for Sewage Collection Agencies in Orange County" as an Order to all agencies in the County. The Order: 1) prohibits the discharge of sewage to any natural or man-made water stream or any storm water drainage system; 2) requires the monitoring and reporting of any Sanitary Sewer Overflow (SSO); 3) requires each sewer agency to develop a written Sewer System Management Plan (SSMP) to meet the requirement of the Order. Some of the major requirements of the Order are:

- > Prepare a System Rehabilitation & Replacement plan with a financing plan
- > Conduct regular capacity and CCTV inspections of the City sewer system
- > Conduct Capacity and Rehabilitation Plan Updates
- > Conduct Annual internal audit and report to the Board

If the City does not comply with the Order, the Order stipulates that any person who violates the Order is subject to civil monetary remedies. These monetary remedies are at the discretion of the Board depending on the severity of the violation. The penalty shall not be less than \$100 per day or more than \$10,000 per day.

On February 8th, the City Council met at a Study Session to discuss the City's Sewer Infrastructure and Financing Plan. The City Council reviewed Plan and discussed future needs for infrastructure maintenance, rehabilitation, and upgrades. After intense review, it was determined that the City's sewers are in deteriorating. Most of the lines are 30+ years old and are in need of increased maintenance. There are deficiencies within various lines that need to be rehabilitated and upgraded. The City has limited funding availability to address these needs. Due to limited funding alternatives, the City Council directed staff to pursue the possibility of an annual sewer fee on a parcelized basis - approximately \$200-\$215 per year. Nearly 90% of the sewerage agencies in Orange County have such a fee to address their sewer systems. Over time, Villa Park has addressed maintenance of the sewer lines directly from the General Fund; however, as the need for maintenance increases and the necessity for line replacement and major rehabilitation is realized, basic funding is inadequate. Alternative funding sources are required. Grant funding will continued to be pursued, but at this time, there are no grant opportunities to address sewer infrastructure projects. **For more information on the City's sewer systems, finances, and/or how the fee would work feel free to contact City Hall. Additional public hearings will be conducted before any fee is imposed.**



# Public Safety Happenings

## BLOCK CAPTAIN'S MEETING

On Tuesday, March 15th, the Orange County Sheriff's Department will host a Quarterly Block Captain's Meeting.



The meeting will begin at City Hall at 6 p.m. The Annual Public Safety Report will be complete and be distributed at the meeting.

The meeting is designed as a "working group" to review the Report and discuss successes, failures, improvements, and suggestions for continued operation of Neighborhood Watch. Designed exclusively for Block Captain's - please come prepared to talk about what you are doing in your area, what activities have been successful, and what suggestions you have for improving your program.

If you are new to Neighborhood Watch and are first starting out by getting involved in the leadership of Neighborhood Watch, your attendance is also welcome!

For more information and to confirm your attendance, please contact City Hall at 998-1500.

## MEGAN'S LAW MAPS

Log onto [www.meganslaw.ca.gov](http://www.meganslaw.ca.gov) and you will find the California Department of Justice's Internet web site, which lists designated registered sex offenders in California.

As a result of a new law, the site provides you with access to information on more than 63,000 persons required to register in California as sex offenders. Specific home addresses are displayed on more than 33,500 offenders in the California communities.

Information on approximately 22,000 other offenders is not included on the site, but is known to law enforcement personnel.



## FIRE EXTINGUISHERS

When used properly, portable fire extinguishers can save lives and property by putting out small fires or containing them until the fire department arrives. Portable extinguishers, however, are not designed to fight large fires or rapidly-spreading fires.

Even against small fires they are useful only under the following conditions: the extinguisher is rated for the type of fire at hand; the extinguisher must be large enough to put out the fire; the extinguisher must be within easy reach and fully charged; the operator must know how to use the extinguisher - there is no time to read the directions during an emergency.

Portable fire extinguishers must bear the name of an independent testing laboratory and be labeled according to the type of fire it is intended to fight. Using the wrong extinguisher for the wrong fire could make the fire worse. The following extinguishers fight the following fires: (A) - Ordinary combustibles such as wood, cloth, rubber, paper, and plastics; (B) - Flammable liquids, including gasoline, oil, grease, tar, and oil-based paints; (C) - Energized electrical wiring, fuse boxes, circuit breakers, machinery and appliances.

Before you begin to fight a fire, make sure everyone has left or is leaving your home or building, and make sure the fire department has been notified by dialing 9-1-1. Never try to fight a fire with an extinguisher if one of the following is true: the fire is spreading rapidly beyond the immediate area; the fire could spread to block your escape route; you have not been trained in the proper use of the extinguisher; you are not sure whether the extinguisher is the right type to fight the fire.





# City of Villa Park

**17855 Santiago Boulevard  
Villa Park, California 92861-4187**

Phone: (714) 998-1500  
Facsimile: (714) 998-1508  
E-Mail: grodericks@villapark.org

## **TUNE IN VILLA PARK CABLE TV CHANNEL 3**

- **Every Tuesday - 7:30 p.m.  
Meet the Mayor &  
City Council Meetings**
- **4th Tuesdays - 7:30 p.m.  
Council Meeting LIVE**

The VPCATV Board of Directors meets the 2nd Thursdays at City Hall - 7:30 p.m.

The Board encourages your participation

**VISIT US ON THE WEB AT  
WWW.VILLAPARK.ORG**

## **KEEP IN TOUCH WITH YOUR LOCAL GOVERNMENT**

### CITY

City Hall ..... 998-1500  
 City Hall Fax Line ..... 998-1508  
 City Hall Hotline ..... 998-0250  
 City Hall Email ..... grodericks@villapark.org  
 City Website ..... www.villapark.org

### PUBLIC SAFETY

**Sheriff Department**  
 Non-Emergency ..... 647-7000  
 Emergency ..... 911

**Fire Authority**  
 Non-Emergency ..... 744-0400  
 Emergency ..... 911  
 Fire Station #23 ..... 997-2552

### COUNTY

Animal Control ..... 935-6848  
 Health Department ..... 834-7712  
 County Vector Control District ..... 971-2421  
 County Recorder's Office ..... 834-2500  
 County Property Assessor ..... 834-2727  
 County Tax Collector ..... 834-3411  
 County Auditor-Controller ..... 834-2457  
 County Library Villa Park ..... 998-0861

### UTILITIES

Serrano Water District ..... 538-0079  
 Villa Park Disposal ..... 238-3300  
 Pacific Bell Telephone ..... (800) 310-2355  
 Southern California Edison ..... (800) 655-4555  
 Southern California Gas ..... (800) 427-2200  
 Villa Park Community Access TV ..... 998-4880  
 Adelphia Cable ..... (888) 683-1000

### **Villa Park City Council**

- Rich Freschi**  
*Mayor*
- Patricia Bortle**  
*Mayor Pro Tem*
- Bob Bell**  
*Councilmember*
- Bob Fauteux**  
*Councilmember*
- Rich Ulmer**  
*Councilmember*

*Villa Park Highlights* is published by the City of Villa Park and is distributed as a public service to the homes and businesses of the City. The City of Villa Park welcomes your comments, suggestions and questions regarding this publication.

*City of Villa Park  
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