

## Purpose

It is the mission of the O'Fallon Engineering & Public Works Department to achieve the highest possible quality of life for our residents and customers through effective planning, management, operation and maintenance of the City's water infrastructure by all means available.

## Accomplishments

- Completed replacement of 5,300-feet of 6-inch diameter, 690-feet of 8-inch diameter, and 2,480-feet of 12-inch diameter water main primarily in Southview Subdivision under the Phase V Water Main Replacement Project.
- Completed installation of approximately 6,400-foot water main along Milburn School Road and Merriam Parkway from Simmons Road to Windsor Creek subdivision.
- Completed installation of 3,200-foot water main along Frank Scott Parkway from Hartman Lane to Greenmount Apartments.
- Completed installation of 2,000-foot Green Mount Road to Central Park water main loop.
- Completed installation of 5,300-foot water main along Weil Road to serve Cobblestone Ridge Subdivision.
- Completed installation of 4,000-foot Fountains Parkway water main extension.
- Provided 495 water taps for new residential and commercial customers in calendar year 2004. 440 taps were installed by City crews and the remainder (2" and larger taps) were installed by private contractors. This is an increase of approximately 8.6 percent over the previous year and 21.4 percent over two years ago.
- Made 6,763 JULIE locates in calendar year 2004 of our water system in support of local construction and emergencies repairs to other utility systems.
- Implemented geographical information system (GIS) and computer maintenance management system (CMMS).

## Goals and Objectives

- Improve reliability of the water distribution system.
  - Complete Wesley Water Main Extension – at an estimated cost of \$30,000. This project involves the installation of a 1,350-foot, 12" water main from Woodlake to Seven Hills Road.
  - Complete Old Collinsville Road Water Main Extension – at an estimated cost of \$72,000. This project involves the installation of a 3,200-foot, 12" water main from the intersection of Milburn School Road and Old Collinsville Road to an area adjacent to the entrance to Far Oaks Golf Course.
  - Complete negotiations on shared facilities for water pumping with Illinois-American at French Village. The City of O'Fallon share of this capital improvement is estimated at \$800,000.

- Complete approximately \$100,000 worth of waterline adjustments in areas of Fairview Heights and O’Fallon where infrastructure improvements are being made.
- Improve administration of system and customer support.
  - Continue “Expediter service” – dedicated service technician for account activation, termination and troubleshooting.
  - Refine GIS and CMMS systems, uploading additional information to be used in inventorying and predictive maintenance efforts

**Programs and Highlights**

- The rate increase phased in during FY03-04 appears to be generating funds needed for repairs, extensions and upgrades to the system that have been deferred in the past. We will continue to aggressively take on the interconnection of our system to increase reliability and improve response to catastrophic events as well as unanticipated growth in our area.
- Vehicle replacements proposed for FY05 are:
  - Unit #5, Backhoe, \$65,000. The unit is at the point where its reliability is suspect and repair costs are increasing. Due to the need for reliability, this unit needs replacement at this time.
  - Unit #1, ¾ ton Utility Truck, \$30,000. This unit was originally scheduled for 2004 replacement but was deferred due to other equipment replacement needs in the Department.
- The budget for water, sewer and streets contains funding for an additional administrative assistant to be shared with the Department of Parks and Recreation.

**Organizational Chart**

