

## 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 140 miles of streets and its storm sewer infrastructure serving the 13 square miles of the City by all available means.

## Accomplishments

- Completed the 2,400-foot, \$860,000 reconstruction of Old Collinsville Road from Highway 50 to I-64.
- Completed the 4,500-foot, \$353,000 overlay of Highway 50 from Old Collinsville Road to Long Drive.
- Completed storm damage cleanup as a result of severe storm on July 6, 2004. This was a \$106,300 effort consuming 1,204 man-years of effort.
- Design of Simmons Road Reconstruction from Kyle Road to Fairwood Hills Drive advanced to 95% complete (CY-06, STP funds) - \$ 1,040,000 estimated project cost.
- Design Obernuefemann Road Reconstruction from State Street to Ogles Lake Road advanced to 35% (FY-09, STP funds) - \$1.3 million project.
- Completed planning of road network in City's growing northwest quadrant; results have been incorporated in City's Comprehensive Plan.
- Inspected 6 miles of streets and storm drainage that will serve the 800+ acres of new residential subdivision and commercial development in the City, to ensure these capital improvements meet specifications.
- Continued to refine a pavement database and performed additional inspections and ratings of the over 1197 roadway segments totaling more than 112 miles of existing street and associated sidewalk as well as curbing within the City of O'Fallon.
- Implemented geographical information system (GIS) and computer maintenance management system (CMMS) to track improvements.
- Parks and Engineering completed a comprehensive bike trail system plan with the assistance of a consultant.

## Goals and Objectives

- Improve the rideability, geometry, and safety of the existing road system in the City.
  - Oversee design and construction of Pierce Blvd., Green Mount Road, and Regency Drive intersection improvements.
  - Oversee construction of right turn lane on W. Highway 50 at Sam's Club.
  - Submit grant application for overpass of CSX tracks near Obernuefemann Road.
  - Overlay 1.75-miles of State Street from Hwy 50 to Carson Street.
- Plan and execute construction of additional roads and capital improvements to serve the citizens of O'Fallon.
  - Oversee design and construction of Regency Drive extension.
  - Refine GIS and CMMS systems, uploading additional information to be used in inventorying and predictive maintenance efforts.
- Maintain and improve the existing stormwater sewer system and drainage courses in the City.
  - Continue maintenance, repairs and improvements to stormwater sewer

- system with in-house personnel.
- Refine GIS and CMMS systems, uploading additional information to be used in inventorying and predictive maintenance efforts.
- Maintain and improve the existing sidewalk and bike trail systems in the City.
  - Continue repairs to sidewalks using in-house and contractor personnel.
  - In 2005-2006, Parks and Engineering will work with the Metro East Parks District on the establishment of the Scott-Troy Bike Trail that runs through O’Fallon, O’Fallon Township and Caseyville Township.
- Ensure private developer constructed streets and stormwater systems that will become public capital improvements meet City specifications.
  - Inspections of capital infrastructure will continue in the subdivisions of Savannah Hills, Chesapeake Junction, Cobblestone Ridge, Keck Ridge, Hearthstone, Windemere, Milburn Estates, Windsor Creek and others.

**Programs and Highlights**

- Due to the poor soil conditions at the current Public Works Compound for future construction of covered storage needed to protect the City’s ever growing vehicle fleet and specialized equipment, Engineering & Public Works will begin master planning of facilities at the Behrens Street Water Tank property to support storage requirements and future movement of at least one of Public Works’ Divisions to that site.
- Vehicle and major equipment replacements/additions proposed for FY06 are:
  - Unit #14, Backhoe. 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. Estimated replacement cost with trade-in is \$60,000.
  - Storage/Containment Structure for the New Emulsion Tank to Support DuraPatcher Unit. The tank and its containment (environmental consideration need protection from the elements. Cost is \$40,000.

**Organizational Chart**



