

ENGINEERING DIVISION

Scott J. Smith, City Engineer

The City's Engineering Division is responsible for assuring the quality of the City's infrastructure which includes all bridges, roads, sanitary and storm sewers, along with state and county highway projects through design and construction. Related programs consist of administering the Residential Sanitary Sewer Lateral Insurance Program, the Sidewalk Replacement Program, regulating underground fuel storage facilities, the review and monitoring of new and existing subdivisions, various City Hall improvement projects, applying for various federal and state grants, in addition to, working closely with the Mayor, Economic Development Director, and the Building Division on all new developments in the City. The City's Engineering Division also maintains all City maps, information on all City owned buildings and structures, monitors and regulates all public right-of-ways and adheres to the residents inquires on various engineering issues. A brief outline of the past year's highlights is as follows:

Office Engineering Projects/Programs:

	<u>2007</u>	<u>2008</u>
• Excavation Permits Issued & Inspected	327	268
• Right-of-Way Hazards Investigated	160	142
• Stations Notified of Annual Underground Storage Tank Certifications Due	45	45
• Summonses Issued	0	1
• Residential Storm Water Concerns Forwarded to the Metropolitan St. Louis Sewer District (MSD)	72	87
• Answered 155 floodplain determination inquiries.		
• Received, and recorded four (4) letters of Map Amendments from the Federal Emergency Management Agency (FEMA).		
• Continued the eighth year of the Residential Sanitary Sewer Lateral Insurance Program (SLIP). On April 4, 2000, the citizens of Florissant approved the SLIP on the Florissant City Election ballot. On January 1, 2001, the Engineering Division began implementing the City's new SLIP.		

The Residential Sanitary Sewer Lateral Insurance Program - covers the cost of repairing a defective residential sewer lateral in the City of Florissant. Under this program, homeowners paid a \$50.00 ANNUAL FEE in 2008. This fee is included on the real estate property tax bills issued to homeowners in the City of Florissant each year. The annual fee establishes a fund that will cover the cost of repairing a defective sewer lateral. This program does not apply to commercial, industrial, or multi-family properties with more than six (6) dwelling units.

The residential sanitary sewer lateral that is covered under this program, is the portion that runs from the Metropolitan St. Louis Sewer District's main sewer line up to within five (5) feet of the residential dwelling unit. The homeowner is responsible for the cost of repair or replacement of their sewer lateral inside their home.

The program **does not cover** septic tank replacement, private treatment systems or the cost to replace any trees, shrubs, flowers, sod, decks, concrete work (**except for sidewalk and street work**), retaining walls, or out

buildings that may be damaged during repair of the sewer lateral. This program **does not** cover the portion of the sanitary sewer lateral within five (5) feet, under and inside the residential dwelling unit.

The program **will** cover only sanitary sewer laterals that connect to the Metropolitan St. Louis Sewer District's main sewer system. The program is responsible for covering the repaired sewer lateral site with clean fill soil including seeding the area.

	<u>2007</u>	<u>2008</u>
- Total Applications Received:	190	202
- Total Applications not Approved:	6	10
- Total Applications Approved/Completed:	184	192
- Average Turnaround Time for Repairs:	2 Weeks	1.5 Weeks
- Average Cost for Sewer Lateral Repair:	\$1,744.18	\$1,779.07
- Total Program Expenditures for FY' 2007:	\$320,929.12	\$341,581.44

To find out more about the policies and procedures of the Florissant Residential Sanitary Sewer Lateral Insurance Program please access City of Florissant's website at www.florissantmo.com and click the Engineering Division under the Public Works Department on the homepage.

- **Subdivisions, Geotechnical Reports, Hydrology Reports, & Commercial Site Plans Reviewed & Monitored:**

Completed: Park Side Estates (Preliminary Plat Review); Cross Keys Shopping Center - Phase II (Preliminary Plat Review); Zykan Property (Final Plat Review); Consolidation Plat of 661 St. Ferdinand, Florissant Valley Fire Protection District House #1 (Geotechnical and Hydrological Design Reviews); Florissant Valley Fire Protection District House #2, Pohlman Road (Geotechnical and Hydrological Design Reviews); 209 St. Louis Street, Ace Leaning Center (Geotechnical and Hydrological Design Reviews); Consolidation Plat of Lots 8 & 11 of Duchesne 3rd Addition, Mississippi Valley Roofing Company, Derhake & New Florissant Roads; McClendon – Teat Mortuary & Cremation Services, Pohlman & New Halls Ferry Roads (Geotechnical and Hydrological Design Reviews); Greenway Crossing Residential Development Floodplain Study Review; Commercial Development at 3055 North Highway 67 (Geotechnical and Hydrological Design Reviews); Various Boundary Adjustment Plats; in addition to Geotechnical and Hydrological Design reviews for all proposed new developments in the City.



**Construction Began at the Ace Learning Center Subdivision
St. Louis & St. Ferdinand Streets, June 2008.**

In Progress: Park Side Estates (Final Plat Review); Garden Plaza of Florissant (Preliminary & Final Plat Reviews); McDonalds Restaurant Development at Patterson Road & North Highway 67 (Traffic Impact Study Review); Various Boundary Adjustment Plats; in addition to Geotechnical and Hydrological Design reviews for all proposed new developments in the City.