

## ***2007 Drainage Projects***

**Hwy 22 Drainage Improvements** – Phase 1 construction has commenced. Phase 2 design will be complete by 06/01/07. Construction improvements include ditch and culvert installation along Hwy 22 in addition to major outfall improvements needed to improve roadside drainage. Estimated costs \$2.0 million.

**Haas Road Regional Detention Pond** – Phase 1 construction will commence on 05/01/07. Phase 2 construction will commence on 09/01/07. Phase I construction includes construction of new pump station and inlet/outlet structures. Est. Costs \$1.2 million. Phase 2 construction consists of sitework including slope stabilization. Est. costs \$800K. The regional detention pond will help prevent flooding of the French Branch (W-15) in the Slidell area by holding back water until the lower basin has a chance to drain.

**Bayou Castine and Little Bayou Castine Basin Improvements** – Phase 1 construction will start on 07/01/07. Phase 1 construction includes land acquisition, pond installation and channel improvements. Estimated costs \$1.0 million. The improvements will help mitigate drainage problems observed throughout the Town of Mandeville and along Hwy 1088.

**Black River Basin Improvements** - Phase 1 construction will start on 08/01/07. Phase 1 construction includes land acquisition, pond installation and channel improvements. Estimated costs \$1.0 million. The improvements will help mitigate drainage problems observed throughout the Black River basin and along Brewster Road between Hwy 1077 and Hwy 1085.

**Land Acquisition for Regional Detention** – Land will be acquired in the Bayou Liberty and Bayou Chinchuba basins throughout 2007 for installation of regional detention at a later date. The regional detention will hold back water from developments in the lower basin thus mitigating drainage problems. Estimated costs \$2.0 million.

**SELA Study** – STP Parish will assist the United States Army Corps of Engineers in preparing recommendations for improved drainage along the W-14 canal in Slidell.

**Tchefuncte Basin Watershed Model** – Model will be complete in June 2007 to better estimate 100 year floodplains and pollutant loadings in the Tchefuncte Basin. Estimated costs \$900K