

## Pinehurst Subdivision

### Baytown, Texas

CobbFendley was selected by the City of Baytown to provide infrastructure rehabilitation services for the Pinehurst subdivision, a 151 acre development with 416 single family residences. Suffering from a combination of poor drainage and severely deteriorated sanitary sewers, some of the area's homes periodically experience flooding in their yards and roadside ditches along with indoor sewage flooding due to excessive storm water inflow to the sanitary system. The project addresses these issues by improving drainage to reduce ponding in ditches and reduce inflow entry points, and by replacing the entire sanitary sewer system.

The project location was composed of grass-lined roadside ditches, driveway culverts, and an underground storm sewer system. The overall project area was divided into separate drainage systems and analyzed to determine sources of existing drainage problems. Proposed drainage improvements included re-grading ditches within the subdivision, replacement of driveway culverts to ensure continuous flow and in locations where the underground storm sewer system was determined to have insufficient capacity; new pipes were designed and installed.

CobbFendley's services include preliminary engineering, construction documents, construction phasing and surveying.

**Project Length:**

19,000 linear feet

**Completion Date:**

2012

