



**US Army Corps
of Engineers**
New Orleans District

Project Fact Sheet

Official Project Name

PAS - Ascension Parish Monumentation

Location

The study area consists of Ascension Parish located in the southeast portion of Louisiana.

Purpose

The project purpose is to provide technical assistance to the East Ascension Consolidated Gravity District in Ascension Parish, Louisiana, by providing a solution to the out of date and unstable vertical benchmarks located throughout the parish. According to the National Geodetic Survey (NGS), an entity of the National Ocean Service, Louisiana is known to be an area with benchmark discrepancies resulting from subsidence problems and a rise in sea level. Ascension Parish has an unreliable vertical network that has left decision makers with a lack of information when it comes to planning for future growth.

Background

Many of the Parish monuments may have become unreliable over time, therefore an inventory of existing monuments must be taken. This will insure that future monument establishment leaves at least one monument in a two mile radius throughout the parish, which is the desired spacing. Because of the rapidly growing population, this effort is required to safeguard life, property, and future investment by reducing uncertainty in the current benchmark network in the parish.

Authority

Planning Assistance to States (PAS), Water Resource Development Act (WRDA) of 1974, Section 22 and WRDA 1992, Section 208

Scope

An implementation strategy will be proposed to resolve monumentation uncertainty issues and potentially reduce future flood damage. The implementation strategy will provide a solution for inaccurate benchmarks located throughout the parish by providing plan formulation and recommendations for improvements. These improvements will include new and primary control marks, bridge benchmarks, and elevations which will be completed to determine the wisest use within the study area and associated floodplain. Other tasks include construction of 36 new monuments, primary network static observations, secondary network static observations, differential level to stream gauge benchmarks, and data processing.

Progress to Date

- Recon of all existing monuments completed in May 2008
- Recon of potential monument locations completed in May 2008

-Phase II of the project (monument construction/observations/data processing) and 100% completion of the project is scheduled for September 2008