

The following presentation on an

**ANCHORED REINFORCED VEGETATION SYSTEM
FOR ARMORING LEVEES, SHORELINES, CHANNELS AND
REPAIR OF SHALLOW PLANE FAILURES**

is to be presented by

**Randy Thompson, M.S., P.E.
Propex Inc.**



**GORDY PUMPING STATION
ST. MARY PARISH, LA**

**ANCHORED REINFORCED
VEGETATION SYSTEM INSTALLED
DECEMBER 2006 FOR LEVEE
ARMORING BY THE NEW ORLEANS'
DISTRICT OF THE CORPS OF
ENGINEERS**



**CALAVERAS 26 / RAILROAD
FLAT ROAD
NORTHERN CALIFORNIA**

**ANCHORED REINFORCED
VEGETATION SYSTEM INSTALLED
AUGUST 2005 FOR SLOPE
STABILIZATION BY THE
CALIFORNIA DEPARTMENT OF
TRANSPORTATION**

An Anchored Reinforced Vegetation System (ARVS) incorporates the combination of a high strength woven, High Performance Turf Reinforcement Mat and Earth Percussion Anchors and is a system designed to provide erosion protection and armoring in the most critical of applications. Unlike traditional hard armoring techniques, this system is cost effective, light weight, does not surcharge weak foundation soils, and is easy to maintain with existing equipment and personnel. Additionally, the anchors can be engineered to stabilize shallow plane failures. The intent of the presentation is to show the economics, performance, benefits, and proper installation of an ARVS System for armoring and slope stabilization applications. The presentation will use Corps of Engineers Specification Section 32 91 16 of the Unified Facility Guide, Anchored Reinforced Vegetation System, and completed levee, channel, and slope stabilization projects as references. Project references also include the Pennsylvania Turnpike Commission and the New York Department of Transportation.

To arrange this presentation or to request additional information, please call Randy Thompson at 276-970-6612.