HERBERT HOOVER DIKE – REACH 1A SEEPAGE BERM

Contract Value:	$7,893,310
Performance Period:	September 2007 to March 2008
Site Location:	Located near the intersection of U.S. 441 and S.R. 76. The project is located on the existing Herbert Hover Dike start approximately 1,500 LF south of the intersection and continuing for additional 7,200 LF to the south.
Site Characteristics:	The existing Herbert Hoover Dike was built between 1932 and the end of the 1960's. The age of the dike and the construction techniques have revealed that the dike currently leaks. Seepage through the dike called piping is threatening the stability of the dike. As water levels increase the likelihood of a dike failure increases as well.
Project Characteristics:	This project is the first in a series of future projects to control the seepage through the dike. The goal of this project is not necessarily to eliminate the seepage, but to control the discharge of water as to prevent further erosion. To accomplish that goal, OSI was tasked with the construction of an aggregate filter on the land side of the dike. Its purpose is two fold: (1) to buttress the dike with additional weight and bulk (2) to control the seepage that makes it through the dike by collecting and discharging the seepage through an aggregate filter designed to dissipate eroding energy produced by flowing water. This project uses the ACOE QCS program, an integrated software system which requires the contractor to submit daily work progress, schedule updates, pay applications, RFI's, labor & equipment usage, and safety reporting to the Government electronically.
Owner:	U.S. Army Corps of Engineers Jacksonville District 701 San Marco Boulevard Jacksonville, FL 32207-8175 Field Representative: Brenda Montjoy - (904) 534-1123 mobile Area Engineer: Al Tibbs (561) 472-3522 – office