

# *St. George Hill Immigration & Customs Enforcement Facility*

## *St. Croix, USVI*

### **Project Description**

Pro Geotech, Inc. performed a subsurface investigation for foundation and pavement design for improvements to the St. George Hill U.S. Immigration & Customs (ICE) Facility on St. Croix in the U.S. Virgin Islands. The improvements to the ICE Facility included a new elevator, sally port, parking and leach field for the septic system. Pro Geotech advanced three (3) test borings for structure foundation and pavement design and hand excavated three (3) holes for percolation tests. The test borings ranged in depth from 9.0 to 18.5 feet. Shallow foundation recommendations were provided for elevator design. Pro Geotech performed both classification testing and physical testing to determine the engineering properties of the soil samples. A bulk sample was obtained from the shallow auger cuttings from the pavement borings to perform a California Bearing Ratio (CBR) test to provide pavement design parameters. The percolation test holes were each excavated to a depth of 36 inches and percolation tests were performed after saturating the holes overnight. PGI also performed a field soil resistivity test at the site.

#### **Client:**

Prime Engineering and  
Architecture, Inc.  
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#### **Contact:**

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#### **Performance Period:**

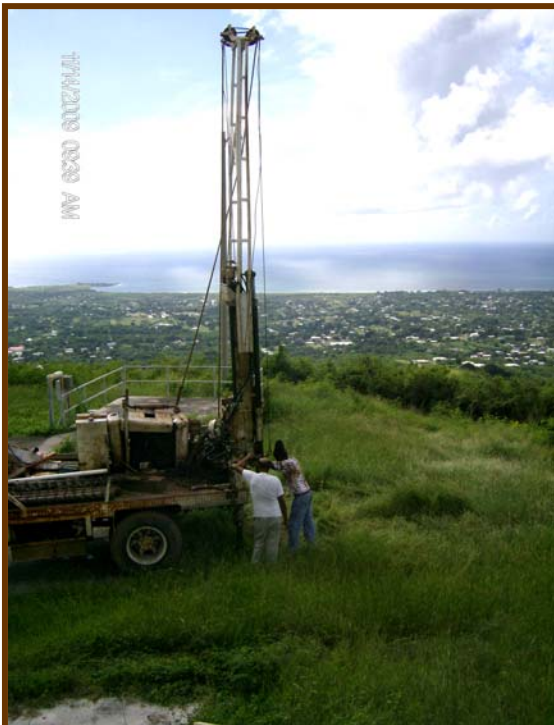
November 2009 to  
September 2010

#### **Project Costs:**

\$34,761

#### **PGI's Role:**

Geotechnical Exploration



Pro Geotech, Inc.