



Craig A. Smith & Associates, Inc.

Engineers • Surveyors • Subsurface Utility Engineering • 3D Subsurface Imaging • Utility Coordination

Project Profile

Port of Miami – Security Improvements, Miami-Dade County

Client: HyPower, Inc. – Eric Paul-Hus

Project Description: Performed complete surf designation of existing utilities including fuel, oil, gas, powdered cement solids, water, sewer, raw water, reclaim, traffic signal interconnect, street lighting and other communications.

Scope: CAS was tasked with performing complete electronic surface designation, ground penetrating radar studies, vacuum pot holes and GPS/GIS utility surveys.

Fees: \$202,960

Approach: CAS assigned existing crews and specialized staff to perform system designating utilizing EM and GPR instruments to identify and locate all utility systems within the project area.

Key Personnel:

James F. Driscoll – Field Management & 3D RT Scanning

Stephen C. Smith, P.E. – Quality Assurance

Raul Carbonell – Vacuum Excavation Soft Digs

Robert D. Keener, PSM – Project Survey

Kerry Loggins, CD – CADD & 3D Modeling

