



Craig A. Smith & Associates, Inc.

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

Project Profile

A.F.E.T.A. Camp Peary (“The Farm”), Virginia - DoD

Client: GeoSpatial Corporation & DoD - Classified

Project Description:

Classified Modification and Reconfiguration of DoD Base Facilities

Scope: CAS was tasked with performing complete Subsurface Utility Engineering services enhanced with 3D Radar Tomography in advance of construction activities. 3D RT imaging for more than 300k square feet of project area in varied surface conditions, 25 vacuum excavation soft digs and limited utility coordination to assist in identifying potential conflicts between existing subsurface systems and proposed infrastructure improvements.

Fees: Classified

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. Performed extensive 3D Radar Tomography Scanning to provide continuous precision x,y,z information on critical subsurface systems including typical utility systems, sensitive underground facilities and features.

Key Personnel:

Gregory W. Jeffries, CUC – Project Manager

Robert D. Keener, PSM – Survey Manager

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

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

Raul Carbonell – Vacuum Excavation Soft Digs

Greg Meadows – Survey Control & Data Collection

