



# A-TECH ENGINEERING INC.

## COMPANY PROFILE



**A-TECH Engineering, Inc. (A-TECH)** is a woman-owned small business enterprise established in 1987 and incorporated in 1995. **A-TECH** is E/S/D/M **WBE certified** in the States of New Jersey, Pennsylvania, Delaware and Maryland. In June of 2000, **A-TECH** was certified as a Participant in the US Small Business Administration (**SBA**) **8(a)** BD Program as well as a Small Disadvantaged Business (SDB). Our Corporate office is located at 3739 N. Delsea Drive, Vineland, NJ 08360. **A-TECH** provides services throughout New Jersey, Delaware, Pennsylvania and Maryland. Deborah Ayars, PhD., the owner, President and Principal, is a Professional Engineer and a Professional Planner

licensed in NJ, a licensed Professional Engineer in DE. Louis A. Rodriguez is a Professional Engineer licensed in Pennsylvania with licenses in NJ and DE pending. James Boney is a Professional Land Surveyor and Professional Planner licensed in NJ and PA.

**A-TECH Engineering, Inc.** is a professional engineering firm providing civil engineering; transportation engineering relating to traffic, aviation, and airports; construction management; surveying services; environmental permitting/wetlands delineation; planning services including aviation planning and design cartography services.

**Engineering** services encompass transportation planning and studies, intersection design, road design, aviation operations, potable water design, storm water management calculations for developments and road projects, hydraulic calculations including HEC II for stream water management, sanitary sewer design including pumping stations and drainage design, ROW engineering, utilities, and public representation. **A-TECH** is also equipped with excellent CAD and GIS capabilities expressly with AutoCAD, MicroStation, and ESRI software. We also make every effort to keep up with the latest technologies in software and equipment.

**Planning** services consist of conceptual layouts for major subdivisions, site plans and Planned Residential Developments (PRD's), professional representation at public meetings, zoning studies, review of development and revisions to local Master Plans and ordinances, and the preparation of utility elements for the Master Plans.

**Surveying** services include major and minor subdivisions, title and outbound surveys, ROW, site plans, construction layout, topographical surveys (roads and bridges), GPS surveys, airport surveys, seawall and Port Facilities surveys; surveying for hazardous waste sites (OSHA and ASCM/ALTA trained) and wetlands surveys.

**Transportation and Traffic Engineering** services include familiarity with concepts such as IVHS, VMS, CCTV, HAR's, Computerized Traffic Signal Systems; many types of traffic data collection including turning movement counts, travel time studies and traffic impact studies; Origin and Destination studies have included license plate surveys, interviewing tractor trailer drivers, etc.; safety audits; and vehicular occupant seatbelt and cell phone usage.

**Environmental** services comprise Pinelands Applications; Coastal and Freshwater Wetland Applications, delineations and permit applications; preparation of EIS and EAS, Stream Encroachment Permit Applications, individual septic system designs; and preparation of various types of government applications.

**Digital Mapping** services include Data Enhancement/Creation (GIS/CAD data development, map updates/maintenance); Geographic Information Systems (GIS) Consulting; Data Visualization - (city/area maps and 3D maps); Advanced Analysis & Reporting (data analysis; geocoding addresses; site selection).