About Atlanta Engineering Services, Inc.

Founded in 1990, Atlanta Engineering Services, Inc. specializes in forensic engineering, civil engineering, land surveying and expert witness. It provides consulting services to clients in the metro Atlanta area and throughout Alabama, Florida, Georgia, Louisiana, Mississippi, North Carolina and South Carolina.

Atlanta Engineering Services provides technical expertise regionally to a wide range of strategic markets in the building and land development industry, the insurance industry and the legal community. Our staff is highly trained and experienced in handling the most technical of projects. Qualifications include licensures and certifications as professional engineers (PE), professional land surveyors (PLS), professional hydrologists (PH), and the Accreditation Commission for Traffic Accident Reconstruction (ACTAR).

Contact Info

Atlanta Engineering Services, Inc.
185 Thompson Street
Alpharetta, GA 30009
(P) 678-297-2565
(F) 678-297-2560
www.atlantaeng.com
info@atlantaeng.com

Civil Engineering

Our Professional Engineers offer a wide range of design services for commercial retail, residential, educational campuses, healthcare, high-rises, mixed use, office, religious campuses and recreational facilities. We’ll work closely with you to meet the goals for your construction project.

Services:

Accident Reconstruction
- Commercial & Residential Vehicles, Motorcycles, ATVs, RV’s, & Pedestrian Accidents
- Accident Scene Investigation
- Scene Mapping
- Vehicle Inspection & Analysis
- Collision Analysis
- Speed & Force Calculations
- Time & Distance Analysis
- Limited Sight Distance
- Roadway Defects
- Vehicle Defects
- Hydroplaning Accidents
- Black Box Data Retrieval
- 3-D Accident Simulations

Property Damage
- Hail & Wind Damage
- Water Damage
- Stormwater Flooding
- Sink Holes
- Soil Erosion
- Basement Issues
- Foundation
- Roof & Chimney Issues
- Structural Damage
- Fire Cause & Origin
- Retaining Walls
- Sanitary Sewer Backups
- Poor Maintenance
- Design Flaws
- Construction Issues

Civil Engineering
- Site Development & Design
- Planning & Zoning
- Construction Drawings

Land Surveying
- Boundary & Topo Surveys
- ALTA Land Title Surveys
- Forensic Surveys

Professional Engineers

Professional Hydrologists

Professional Land Surveyors

Accident Reconstructionists

Expert Witness

Land Surveying

Our Land Surveyors offer a wide range of surveying services to clients for their forensic engineering and land development needs. Forensic surveys may involve:
- Accident scene surveys showing skid marks, debris, fluid stains, vehicle positions, and topography when hydroplaning is involved
- Topography surveys for stormwater flooding
- Slip, trip & fall accidents (Building code violations)
Traffic Accident Reconstruction
Our Professional Engineers determine how the accident happened so that the insurance company or attorney can determine liability.

A collision analysis begins by gathering basic information such as police reports and witness statements. The engineer inspects and documents the accident scene for skid marks, fluid stains, debris, and painted markings made by police indicating where the point of impact occurred and where the vehicles came to rest.

The vehicles are inspected to gather evidence such as crush damage which can be used along with skid marks to calculate the speed of the vehicles.

Our engineers compile the data and reconstructs the accident using calculations for speed, force, time & distance. The results are delivered via a written report, oral report or simulation video.

Black Box Downloads
We have the capability to perform black box downloads to retrieve vehicle crash data including:
- Speed
- Delta-V
- Brake Switch On / Off
- Accelerator Pedal %
- Seat Belt Switch Status

3-D Simulation Videos
Data from the accident scene and damaged vehicles are entered into our HVE software program to create a 3-D simulation of the accident. It utilizes mathematics and physics for vehicle and environment interaction, unlike animation videos.

Property Damage
Our Professional Engineers perform inspections of all types of property damage and determine how the loss occurred. We provide thorough investigations, document the evidence, and provide clients with written or oral reports so that the client can determine liability.

Forensic Hydrology
Our Professional Engineers and Professional Hydrologists have the expertise your project demands no matter what type of stormwater problem you have. A few types of stormwater problems we evaluate include:
- Flooding
- Basement Issues
- Improper storm drainage
- Undersized pipes / channels
- Clogged storm drains
- Malfunctioning detention ponds
- Sink Holes
- Siltation of streams, lakes, & waterways
- Soil Erosion / Lack of BMP's
- Poor Maintenance
- Hydroplaining Accidents

Vehicle Defects
- Air Bag Non-Deployment
- Mechanical Defects
- Seat Belts
- Vehicle Fires
- Tires
- Brakes