



Borton  
Lawson

# Survey

for Architects, Engineers, and Surveying Firms

## Types of Services:

- Boundary Surveys
- Topographic Surveys
- Industrial Surveys
- Subdivisions
- HEC-RAS cross sections for stream and river surveys analysis.
- ALTA / ACSM Land Title Surveys
- Trimble GPS units using 1 Base Station and up to 3 Rovers in one Session
- PA One Call notification and utility coordination
- As-built Surveys
- Roadway, Bridge and Culvert surveys
- Aerial Control (State Plane & NAVD) w/ flight and mapping coordination
- Wetland Delineation, Report, Jurisdictional Determination, and Permitting
- Quantity Verification
- Zoning Variance

The Borton-Lawson Survey Team understands that the survey is the foundation for the design, construction, and all other phases of the development. A complete and accurate Survey is one of the key factors in a successful development.

## Our Advantage:

- Three full-time & fully-equipped Field Crews with the ability to put a fourth in the field as needed.
- Proficient in the latest equipment and technology including the 4 GPS Units and 4 Total Stations with electronic Data Collection.
- Our Survey Department has worked with numerous client types under many different circumstances. Some other client types that we have done work for include Developers, Government agencies such as PennDOT, Army Corps of Engineers, Pennsylvania Turnpike Commission, DEP, County Engineers, and Local Municipalities.
- Willingness to team up with other Professionals to work on projects that may be time sensitive or that require more manpower than their staff can handle.

## Software & Base Plan Compatibility:

- AutoCAD R14 through AutoCAD R2006 and Microstation V8.0
- Nodes & Survey Shots layering compliant with the clients system and needs
  - ASCII & Text files with clients field codes and layering systems available when requested
  - Eagle Point reduction and full base plan prep with the complete labeling of all features including valves, pavement types, signs, paint markings, rims, inverts, pipe sizes, etc.
- Intergraph DTM & Surface Modeling can be configured to be compatible with most other design software
- Ability to extract HEC-RAS Sections directly from DTM into a HEC-RAS digital file



**Imagination. Delivered.**

[www.borton-lawson.com](http://www.borton-lawson.com)

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