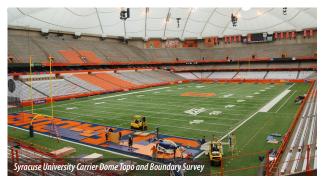


# **SURVEY & MAPPING**

Delta provides a complete range of land and facility survey and mapping services to individuals, businesses, and governmental agencies. Our services range from a simple residential boundary recertification to complex American Land Title Association (ALTA) surveys that capture every detail of a commercial property.

We also offer a full suite of laser scanning capabilities and have extensive experience in performing high precision remote data capture. We can use our digital point clouds as a 3-D modeling benchmark for rapid facility prototyping.



### COMPLETE SERVICE PORTFOLIO

Delta offers a comprehensive package of traditional survey & mapping services. We provide right-of-way survey & mapping, residential & commercial surveys, and subdivision and lot line adjustments. We also offer construction surveys and stakeout mapping, FEMA elevation certificates, lease description mapping, wetland mapping, and gas well permit surveys and mapping. We specialize in high quality, high detail American Land Title Association (ALTA) survey maps that are widely used in the real estate industry.



## HIGH DEFINITION LASER SCANNING

Laser imaging technology and the portable laser scanner are revolutionary developments in the art and science of remote data capture. Laser scanning is a tremendously efficient datacollection method that offers greater accuracy, enhanced precision, and significant personnel and public safety benefits. Tasks that would have been impossible a few short years ago are now not only possible, but also affordable.



# STATE-OF-THE-ART TOOLKIT

Delta maintains Leica ScanStation C10 Combination Scanners with full field kits that can be deployed individually or in tandem when project schedules are demanding. In addition to our laser scanning technology, we also rely on current Global Positioning System (GPS) equipment such as the Leica GPS System 530 and a Leica GPS Smartrover System.



## **AWARD WINNING PROJECTS**

Our Survey & Mapping Group has been recognized at many industry conferences with awards that highlight our versatility and ability to blend art and science while maintaining the highest accuracy and precision. We brought home first place awards at the 2016 HxGN World Wide High Definition Laser Scanner Conference and at the recent New York State Association of Professional Land Surveyors conference.



### ISO 9001:2015 CERTIFICATION

Delta first developed a comprehensive Quality Management System and received formal ISO certification in 2009. We recently achieved ISO 9001:2015 certification following a comprehensive third party audit. Our QMS provides assurance that every Delta project completed meets or exceeds client requirements.



## **SURVEY & MAPPING SERVICES**

Delta has built a solid reputation for listening to our clients and for delivering responsive service that exceeds expectations. Representative lists of survey and mapping services that we provide are presented below. If you have additional requirements, please contact our leaders for further information.

### **HIGH DEFINITION 3D LASER SCANNING**

- Bridge Surveys
- · Structure Deformation Monitoring
- Historic Restoration Facade Surveys
- As-Built Surveys of Complex Facilities
- As-Built Surveys of Existing Buildings
- As-Built Surveys of Steelworks, Columns and Structures
- Accident/Crime Scene Forensic Surveys
- · Limited Access Site Surveys

## **CONSTRUCTION STAKEOUT SERVICES**

- Construction Layout Services
- Property Line Stakeout
- Subdivision Monumentation Services

# RESIDENTIAL & COMMERCIAL BOUNDARY SURVEYS

- ALTA/ACSM Land Title Surveys
- · Residential Surveys
- · Commercial Surveys
- Mortgage Surveys
- · Easement Surveys
- Property Descriptions
- Subdivision Planning and Mapping
- · Right-of-Way Mapping

# **GLOBAL POSITIONING SERVICES (GPS)**

- GPS Control Network Services
- Base Station Data Collection Services
- Real-Time Kinematics GPS Services

## **TOPOGRAPHIC SURVEYING SERVICES**

- Detailed Topographic Services
- Digital Terrain Modeling

### RELATED SURVEY SERVICES

- FEMA Elevation Certificates
- FEMA LOMA Applications
- Slope Analysis Services
- · Tree Surveys
- Volumetric Surveys
- · Wetland Mapping
- Deformation Monitoring
- · Constraints Mapping
- · Gas Well Permits and Mapping





# **EXPERIENCED LEADERSHIP**



### THOMAS A. PARKER, PLS

Thomas A. Parker, PLS is our Director of Survey & Mapping Services. With more than 38 years of experience performing and managing topographic, boundary, and construction surveys, Tom guides complex projects employing leading-edge survey technology including laser scanners.

4873 NYS Route 5

Vernon, New York 13476

Tel 315-953-4200 Fax 315-953-4202

Contact Tom 315-203-8095 tparker@delta-eas.com



### CHRISTOPHER J. MABY, CPESC

Mr. Maby is the Director of Transportation/ Civil Engineering Services in Endwell for Delta. Chris is a seasoned civil engineer with over 37 years of wide-ranging experience.

Contact Chris at 607-231-6625 cmaby@delta-eas.com

### **OFFICE LOCATIONS**

Greater Binghamton Region

860 Hooper Road Endwell, New York 13760 *Tel 607-231-6600 Fax 607-231-6650*  Syracuse Region

327 W. Fayette St., Suite 300 Syracuse, NY 13202 Tel 315-695-7228 New York State Capital Region

220 Harborside Drive, Suite 202 Schenectady, New York 12305 *Tel 518-427-7200 Fax 518-427-7210*  National Capital Region

8401 Connecticut Ave, Suite 350 Chevy Chase, Maryland 20815 *Tel* 301-718-0080 Fax 301-718-9520