



The Connecticut Surveyor

October 2015

Volume 20, Issue 10

Connecticut Association of Land Surveyors
78 Beaver Road, Wethersfield, CT 06109



Gary Kent to Speak on the Judicial Role of Surveyors at the Annual Meeting on November 6, 2015

Mark your calendar so that you don't miss this opportunity to attend a very informative presentation given by a Nationally recognized speaker as well as several other great presenters.

The keynote speaker at the CALS 48th Annual Meeting will be Gary Kent. Mr. Kent is Director of Surveying at The Schneider Corporation, a 42-year-old consulting firm based in Indianapolis providing solutions in surveying, GIS, 3D graphics, architecture, and civil, municipal and transportation engineering. A past-president of both ACSM and the Indiana Society of Professional Land Surveyors, Gary has a BS degree in Land Surveying from Purdue University and is registered to practice surveying in Indiana and Michigan. He is chair of both the NSPS/ACSM committee and the ALTA committee on the ALTA/ACSM Standards. He currently sits on the Indiana State Board of Registration for Land Surveyors and is also a member of the adjunct faculty at the Purdue campus in Indianapolis where he teaches Land Survey Systems, Legal Descriptions, Boundary Law and Property Surveying.

Other guest speakers will include:

- Jim O'Shea, Executive Business Coach - Achievement Unlimited of Connecticut
- Kari Olson, law firm of Murtha-Cullina - Customer Service
- John Carbone, MW Financial - Business Protection, Succession & Survival
- John Doody, L.S., P.E. - Professional Development

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www/ctsurveyors.org
email: kathy@ctsurveyors.org
tele. 860-563-1990





CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. 48th ANNUAL MEETING – NOVEMBER 6, 2015 SAINT CLEMENTS CASTLE, PORTLAND, CT



RESERVATION FORM

NAME: _____ LUNCH YES NO CHICKEN/FISH/BEEF
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ADDRESS: _____ PHONE _____
CITY: _____ STATE: _____ ZIP: _____ EMAIL: _____
GUEST: _____ MEMBER YES NO LUNCH YES NO CHICKEN/FISH/BEEF
GUEST: _____ MEMBER YES NO LUNCH YES NO CHICKEN/FISH/BEEF
GUEST: _____ MEMBER YES NO LUNCH YES NO CHICKEN/FISH/BEEF
GUEST: _____ MEMBER YES NO LUNCH YES NO CHICKEN/FISH/BEEF



Your registration fee includes a continental breakfast 8 -10 a.m., and admission to all exhibits and seminars. Lunch includes salad, fresh vegetables, fresh baked rolls & butter, assorted sodas, freshly brewed coffee & tea, and dessert.

Please reserve _____ admissions to the CALS 48th Annual Meeting: _____ members @ \$50.00 each _____ non-members @ \$75.00 each Registration - \$ _____

Please reserve lunch:
• Grilled Citrus & Thyme Marinated Chicken with Sweet Tomato Relish \$50.00
• Tropical MahiMahi with Mango Red Pepper Relish \$50.00
• Grilled Petit Filet Mignon, Forest Mushroom Ragout \$50.00
• I would like to sponsor a luncheon for a newly licensed surveyor @\$50.00 Lunch - \$ _____

Total Enclosed - \$ _____

MasterCard or visa # _____ exp. date _____ Signature _____

Mail check payable to: CALS 48TH ANNUAL MEETING 78 BEAVER ROAD, WETHERSFIELD, CT 06109

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CALS Annual Meeting

Time is flying by and before you know it the 2015 Annual Meeting will be here on November 6, 2015.

Once again we will hold the convention at Saint Clements Castle in Portland, CT.

So many of our members want to contribute to the annual auction but never know what to buy. CALS Secretary Susan Mattern has come up with a fabulous idea that will not only raise funds for CALS, but will be fun and easy for everyone!

THEME BASKETS!

You pick the theme and you decide how much you want to spend, and that is it - we will put a professional looking basket together. Who knows, you might even buy a basket for a Christmas gift!

Some inventive suggestions are:

- Micro Beer
- Nip Assortment
- Tex Mex
- Thanksgiving - Taken
- Christmas
- Games
- Jerky/Woodsman
- Craft Beer
- Victoria's Secret - Taken
- Chocolate
- Breakfast
- Picnic
- Champagne
- Elegant Snacks
- Crackers & Cheese
- DVD's
- Italian
- Outdoor Adventure
- Tailgating
- Travel
- Fishing
- Martini
- Car
- Sports Team
- Camping
- Golf/Sailing
- Hurricane/Lights Out

Support CALS!!!

**Only a few weeks
left to place
your order.**

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Professional Development



ALTA Land Title Survey Requirements

The American Land Title Association (ALTA) was founded in 1907 and is the national trade association and voice of the abstract and title insurance industry whose members search, review and insure land titles to protect home buyers and mortgage lenders who invest in real estate. ALTA and the American Congress on Surveying and Mapping (ACSM), now the National Society of Professional Surveyors (NSPS) established the first set of Standard Detail Requirements for Survey drawings in 1964. These instructions were established to nationally standardize the requirements for survey drawings that were to be used for ALTA loans. Updates to the requirements often occur every four-to-six years. The last recent revision took place in 2011 in conjunction with NSPS. Notable changes implemented included:

- Requirement to reference a title report on the Certificate of Survey
- Requirement to include Standard ALTA Certification
- Greater attention to offsite easements and servitudes
- Changes to the Table A items for Optional Survey Responsibilities and Specifications.

An ongoing revision is scheduled to become effective February 2016. Gary Kent, chair of the NSPS committee on the ALTA Standards has agreed to come to Connecticut on April 19, 2016, and present a full day seminar on these new changes.

Reservation forms will be available in the spring but seating will be limited. You can reserve your seat now by calling the CALS office.



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NSPS Fall Business Meeting

The National Society of Professional Surveyors (NSPS) will hold the fall Business Meeting at Kalahari Resort and Conference Center, Sandusky, Ohio, October 8-10, 2015.

Along with reports and committee updates, the NSPS Young Surveyors will meet for a video conference on Friday, October 9. CALS young surveyors are encouraged to listen in and participate. For more information contact Rick Howard rick@nbyne.com.

This year, several NSPS directors from around the northeast have offered to give rides to an surveying students to attend the meeting. If you are a student, and would like to attend, please contact Mr. Howard for details.



NSPS Young Surveyors



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National Trig-Star Committee Selects Winners of the Richard E. Lomax National Trig-Star and Teaching Excellence Awards

The National Society of Professional Surveyors (NSPS) is pleased to announce the recipients of the 2015 Richard E. Lomax National Trig -Star Awards. The Trig-Star committee met on July 31 and August 1, 2015 to determine the three top high school students from the national examinations submitted by state winners. This year there were thirty -nine state winners submitted. A past president of NSPS, Richard Lomax was the driving force behind the elevation of the local Trig -Star program to the national level. In October 1994, Board action named this high school trigonometry skill award in his honor.

The Richard E. Lomax National Trig -Star Awards are as follows:

- First Place: William Mitchell, West Valley High School, Fairbanks, Alaska
- Second Place: Russell Kenney, Big Piney High School, Big Piney, Wyoming
- Third Place: William Zhang, Vestavia Hills High School, Vestavia Hills , Alabama

The Richard E. Lomax National Teaching Excellence Awards are as follows:

- First Place: Sandra Ryan, West Valley High School, Fairbanks, Alaska
- Second Place: Jennifer Banks, Big Piney High School, Big Piney, Wyoming
- Third Place: Todd Taylor, Vestavia Hills High School, Vestavia Hills, Alabama

The first place student receives \$2,000, second place student receives \$1,000, and third place student receives \$500. The first place teacher receives \$1,000, second place teacher receives \$500, and third place teacher receives \$250. The Trig-Star Policy states that “the National Student and Teacher Awards be given to the winning students at or before the next state professional land surveying organization conference of the student’s home state.”

The following is a list of the remaining State Winners in the order of finish: Zhongxu Chen, Oregon; Haoxiang Li, Illinois; Wally Johnson, Kentucky; Erika Lustig, Michigan; Christian Jacobsen, Montana; William Lies, Kansas; Nashalie N. Ortiz Torres, Puerto Rico; Vincent Pan; Nevada; Anastasia Mullins, Georgia; Joseph Work, Ohio; Joseph Barnes, South Dakota; JiangLai Zhang, New Jersey; Katherine Platt, Pennsylvania; Alan Zimmer, Missouri; Alexander Snouffer, Maryland; Grady Mauch, North Dakota; Joshua Shepherd, Washington; Elizabeth Han, Iowa; Taylor McCreary, California; Jack Bao, Indiana; Luke Guo, North Carolina; **Haoxiang Zhang, Connecticut**; Nhi Tran, Minnesota; Lubin Deng, Colorado; Kyle Pittman, New Hampshire; Katie Kanich, Delaware; Jordan Goldstein, Texas; Kael Stelck, Idaho; Antonio Faraci, New York; Christopher Fechisin, Virginia; Benjamin Reas, Wisconsin; Jeremy Green, Utah; Jacob Judd, Tennessee; Alexander Foster, South Carolina; Isabella Latta, Maine; and Alexander Cooper, Massachusetts.

The Richard E. Lomax National Trig -Star and Teaching Excellence Awards are a few of several annual NSPS awards. For more information about the NSPS awards and scholarship programs, please contact NSPS, 5119 Pegasus Court, Frederick, MD 21704, (240) 439-4615, e-mail: Trisha Milburn at trisha.milburn@nsps.us.com, or visit the NSPS web site at www.nsps.us.com.



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NSPS 2015-16 Team Leadership



President Jon Warren has a diverse background encompassing both the private and the public sectors. He currently serves as Land Survey Division Manager for the City of Bellevue, WA. Formerly, Jon has served as Snohomish County (WA) Surveyor, as Survey Business Line Manager for WH Pacific, and as Senior Associate and Puget Sound Region Survey Manager for David Evans and Associates, Inc.



President-Elect Tony Cavell also has experience in both the private and public sectors, having worked in construction surveying offshore, and has expertise in GNSS applications for surveying. Working with LSU, he was a manager for C4G, and helped establish CORS and develop GULFnet RTN for Louisiana. Tony is one of the initial Certified Federal Surveyors (CFedS) and has served as a Director for the Public Lands Survey System Foundation (PLSSF).



Vice President Jan Fokens has owned Fokens Enterprises (a private practice land surveying/consulting firm in MI), served as a Business Consultant for the Michigan Small Business Technology Development Center at Mid-Michigan Community College, and as a Peer Review Consultant for Isabella and Gladwin Counties, MI Remonumentation Program. He is the Chairman of the City of Mt. Pleasant, MI Zoning Board of Appeals.



Treasurer Robert (Bob) Miller is Director of Land Surveying for Horizon Engineering LLC in Pennsylvania where he is actively involved in project management and survey activities, including plan generation, field and office scheduling, and marketing. He also has served as an expert witness in numerous court proceedings. For the last 18 years he has been teaching workshops in Basic and Applied Survey Mathematics, Construction Surveying, Writing Legal Descriptions, and Boundary Survey Law.



Secretary Tim Burch has over 30 years' experience, and is currently the Survey Department Manager for Chastain & Associates (IL) where his duties include establishing new markets and clients, and mentoring of surveying staff. In 2013 he participated in the Illinois Boundary Law book project written by Jeff Lucas. The publication was organized by the Northeast Chapter, and published by the IPLSA for its members. Tim also has been a contributor to the *Illinois Surveyor* newsletter.



Past President Pat Smith will continue as a member of the NSPS Executive Committee for 2014-2015 where he will share the expertise he gained serving as the 2013-2014 NSPS President. Pat is Senior Staff Surveyor at Surveying & Mapping, Inc. (SAM Inc.) in Austin, TX.

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So, Just what is the future of Surveying?

By Milton Denny, PLS

Taken from the February 2015 edition of POB Magazine



Milton Denny, PLS

Boundary Surveying

Let's first address the current land surveying part of our business. The product has never been provided in a timelier manner at a cost most clients can afford. The most glaring problem is the setting of new corners near existing corners accepted by property owners in peaceful existence with their neighbor. This action can result in a dispute or even end in a court fight that benefits no one. This dilemma is caused by a complete misunderstanding of the role of the land surveyor. Why was a license system started originally? To protect the public and their precious right to own land. I guess you could say we are an agent of the courts to define the boundaries of property. Not to just place a legal description on the ground, but to weigh the evidence carefully and decide the correct property corner location. In most cases, these corners already exist. No, they do not fit the deed distance exactly as they were done to a different accuracy standard, when measuring to a hundredth of a foot was unheard of by the original surveyor. Existing corners do not measure up to a modern angular or bearing standard, but they are the corners. I call this evaluating the evidence or the "The Art of Land Surveying." Surveyors my age learned the art of surveying by working in the field under surveyors that understood the importance of correctly defining property boundaries.

Today, we send out crews with very little training or supervision with instruction to just place the legal description on the ground. Why should we be surprised when it doesn't fit existing corners? So, we just set new ones. My apologies to the many good surveyors doing the work correctly, but we all know we have a problem. If a problem exists, there must be a solution! We could start by educating our employees about the art of surveying. What would be a good place to start? The federal government had a similar problem based on the 1973 Manual of Instructions, setting new corners and a failure to accept existing corners. This resulted in a new manual titled "Manual of Surveying Instruction 2009." This manual discusses in great detail survey evidence. Chapter 6 is advice to the private surveyor. The chapter is titled "Resurveys and Evidence," subtitled "The Nature of Resurveys." While this manual is published by the U.S. Department of the Interior, Bureau of Land Management, and is not binding on the private surveyor, it is some of the best advice on what constitutes a proper boundary survey. While it was written for GLO states, it is appropriate advice for all states. The one exception to setting new corners is on most ALTA surveys. The companies that provide this service have learned that accepting the corners from the previous survey is a surefire way to not get the closing delayed. In some cases where my distances did not match the distance in the deed, I was asked to sign a document that stated that my surveyed property was the same as described in the deed. Not a problem. I have now updated the old deed distances to current accuracy standards.

I talk with many surveyors in different parts of the country. A current theme is property boundary surveying has not recovered from the 2007 crash in many areas. A recurring problem is that many surveyors are willing to do the work at a sub-standard price just to get a job. These are also the surveyors who will not put in the field work time to study and evaluate the evidence. This makes it hard on surveyors trying to provide a quality product at a fair price. Education is the answer, not just classroom work but field workshops on the art of finding and evaluating evidence. I do have other possible solutions I will share with you later.

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So, Just what is the future of Surveying? Continued...

By Milton Denny, PLS

Engineering Surveys

The second part of our current surveying system actually consists of two parts. The first I call engineering-related surveys. These are the site surveys and topographic surveys requested by architects, engineers and designers for all different types of design projects. Most of the contracts for this type of work come from design firms or city and state government agencies, such as highway departments. These tend to be repeat clients. If you provide an acceptable product, this work can continue for many years. I include in this product utilities location and other related survey services. These clients value a good product and will contract at a fair price the work to a select few companies. These contracts are the backbone of many small surveying and engineering companies. I would guess that this type work is the bulk of the money spent for surveying services in this country. Clients expect the survey company to have purchased modern equipment with the final product in a digital format such as CAD or the software that they utilize. The current downside to this work is the lack of investment in infrastructure improvements. If the country ever gets serious about improving our infrastructure, we may experience a shortage of surveyors to fill the need. These are the services that keep in business many small companies that could not survive on just land boundary work.

Mapping, Scanning and Digital Products

We have batted around for years what role surveyors should play in GIS (Geographic Information Systems). A few states have not gotten this right. That is, a licensed surveyor should be in charge of the base layer of the GIS system. I wish all states would take a look at doing this for the protection of the public.

Providing mapping-related products is the second part and the fastest growing part of our business. Many options exist to get into this market. The downside is in many states these products can be provided by persons not licensed as either a surveyor or engineer. When it comes to mapping, a few states have gotten it right and included aerial mapping under their registration law. Having worked in the aerial mapping business, I have seen many inferior products delivered by the low-bid mapping company, including defaulting on the contract.

It should come as no surprise that some companies are providing mapping services using drones. When the final approval of licensing drones for commercial operations is put in place, you will see this technology used for everything from getting an aerial view of the jobsite for planning purposes to stockpile mapping, contour mapping and infrastructure inventory. In most states, this work can be provided to a client by anyone having the money to buy a drone.

Another product gaining in popularity is mobile scanning. These units are vehicle-mounted using LiDAR scanners and cameras to gather data. These systems can gather data in two hours what would take a survey crew two weeks to collect. The data gathered falls into two categories: the first being infrastructure inventory and the second is engineering grade data at millimeter accuracy. Remember, at this time in most states, anyone who can afford the equipment can collect this data. I hope you are beginning to see we have some challenges ahead to protect the products delivered by the licensed surveyor.

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So, Just what is the future of Surveying? Continued...

By Milton Denny, PLS

The Surveyors' Education

By now most states require a college degree to be eligible to take the national test to become a surveyor. I am in favor of this and required all my children to go to college. The real challenge is to graduate enough people to replace all of the people over 60 who want to retire. We have some wonderful programs with dedicated instructors. The problem is not enough students. The problem is twofold: those who can't afford college and those who choose other related careers that would provide a better income when they graduate. I have said this before: if all the state societies that have cash reserves would invest in our future surveyors, we could fill up the survey programs. I believe this problem is one we can solve, or best said, we must solve. If the survey profession cannot provide enough surveyors, state governments will assign some of our duties to other professions.

Summary

The bottom line is I don't believe the profession is badly broken, but we do have great challenges ahead. The next 25 years will bring more changes than in the last 300 years. How we react to these changes is in our hands. The members of our profession must provide leadership to guide our path to make wise decisions on our future.

Milton Denny, PLS, the owner of Denny Enterprise, LLC, is licensed as a surveyor in seven states. He has written and provided seminar services on business and marketing topics for the surveying and mapping community nationwide for 40-plus years. POB is thrilled to welcome back his insights to our pages. He can be contacted at mdenny5541@aol.com.



Three Rivers Community College (TRCC) has recently dropped the Survey I course for the fall semester.

Survey I is the gateway course to a Civil Engineering Technology A.S. degree and is a required course for other programs of study.

CALS has sent a letter to the president of TRCC in support of reinstating this class.

The future of land surveying in CT depends upon the availability of educational courses.

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What to do When a Neighbor's Fence Crossed Property Line

Taken from the Hartford Courant 8/16/15

By Benny L. Kass, Esq., Washington & Maryland

Question: My neighbor put a new fence 2 feet inside my property in May. I have a land survey document that confirms this. I was using 2 feet of the property for 18 years, and now the neighbor says it is his. Since he already put the fence up, how can I get that land back legally?

Answer: I am confused. Are you saying the survey shows you own that 2 feet of ground, or are you saying you were using that 2 feet for 18 years even though it was not your property? I will answer both ways.

If your survey shows your neighbor installed his fence 2 feet inside your property line, he is trespassing. In many states, before someone can install a fence, the city or country must review and issue a permit. You should confirm if a permit was obtained. If so, I am sure there is a procedure whereby you can contest the issuance of that permit with the view toward having the fence removed. This can be ordered in some situations by the local government; otherwise you will have to go to court to get an order directing the other owner to remove, at his expense, his fence.

If no permit was issued, you will have to hire an attorney and take the neighbor to court on a trespassing charge. If you can prove the neighbor installed the fence on your property without your permission, the court should be able to issue an order forcing the fence to be removed.

Now to the other side of the coin. You have been using the property for 18 years and no one has objected. You may be able to claim adverse possession. This is a legal concept whereby if you openly notoriously and hostilely occupy someone else's property, and you do it for the period of time authorized by your state statute, you can go to court claiming adverse possession. Here, you must talk with your attorney. For example, the applicable length of time in the District of Columbia is 15 years, but in Maryland it is 20 years. The burden of proof is on you to demonstrate that you meet the tests.

The essential elements of an adverse possession sufficient to create title to land in a claimant are that the owner is ousted of possession and kept out uninterruptedly for 15 years by an open, visible, and exclusive possession by the claimant, under a claim of right, with the intention of using the property as his own, and without the owner's consent. The possession must be hostile and under a claim of right, actual, open, notorious, exclusive, continuous, and uninterrupted (Goodman v. Quadrato, 142 Conn. 398 (1954)).



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- All students studying land surveying are invited to attend the Annual Meeting as guests of CALS. If you are a student or you plan to bring a student, you must register in advance.
- Each year the Annual Reference Book is filled with important reference materials such as contact information for CALS members and State Societies. There is a complete listing of transferred records as well as laws pertaining to trespass and disturbance of monumentation, and other interesting articles.
- The 2016 Annual Book will be available at the CALS Annual Meeting on November 6th. If you are unable to attend, please ask someone to pick up your copy for you as they will not be mailed out.
- 2016 Dues notices will go out on December 1st. Now is the time to upgrade to a "Firm Member" and get maximum exposure for your company for the remainder of 2015 and 2016.
- We currently have an opening on the Board of Directors for someone to represent New London County. To qualify, you must be a Connecticut licensed land surveyor and either live or work in New London County. Join our team of leaders and see what a difference it will make for both yourself and others. Call the CALS office today!

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October 2015

Sun	Mon	Tue	Wed	Thu	Fri	Sat
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4	5	6	7	8	9	10
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Classified

Fairfield County

Immediate Need for multiple positions at a relaxed and friendly land survey firm. Positions include:

- **Entry Level Field Surveyor** (willing to train the right candidate)
- **Experienced Party Chief** with research and AutoCAD abilities.

Please send resumes to: ctsurveyjob@gmail.com

- **Survey/Field Technicians** to join the Redniss & Mead Team of Land Surveying, Civil Engineering, and Land-Use Planning professionals in a growing firm located in Fairfield County, CT. Candidates should have 3+ years experience in the surveying field and experience in the processing and preparation of all types of surveys, including boundary surveys, topographic surveys and construction layout. Knowledge of AutoCAD and Data Collection is required. Responsibilities include performing fieldwork, processing and mapping of fieldwork, coordination with clients and in-house staff. Work for this position will be on a variety of project types including residential, commercial and institutional. For consideration, please forward your resume to Lawrence W. Posson, PLS, Director of Surveying: L.Posson@rednissmead.com. We are an Equal Opportunity Employer and offer a competitive compensation package including salary, medical benefits, paid vacation, paid holidays, performance bonuses, 401K retirement plan, direct deposit, and a health club membership.
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Pereira Engineering, LLC is an established Civil/Environmental/Land Surveying firm located in Shelton, CT and we are looking to fill the following positions:

- **Instrument man/survey technician:** We are seeking an experienced Instrument Man / Survey Technician with a minimum of five (5) years experience in all facets of land surveying from boundary surveying to construction layout. The qualified candidate must be highly-motivated and detail-oriented and must be familiar with Trimble Instruments, Trimble Data Collectors, and GNSS systems. AutoCAD Civil 3D experience a real plus! Duties include field surveying, downloading/uploading survey data, land record research, and AutoCAD drafting.
- **Civil Engineer:** We are seeking a Civil/Site Engineer experienced in various types of site development projects including residential, commercial, and municipal projects. Responsibilities include the design of site layouts, subdivisions, septic systems, storm and sanitary sewers, storm water management systems, grading, roads, and hydrologic/hydraulic studies. Duties will include preparation of plans, specifications, and calculations as well as coordination with other design professionals and public officials. Qualified candidate must have a B.S. in Civil Engineering from an accredited engineering program and must be proficient with AutoCAD Civil 3D and other commonly used design and drainage analysis software. Candidate must also be organized, highly-motivated, and detail-oriented.

Pereira Engineering offers a very competitive salary and benefits package including Major Medical Insurance, 401(k) Profit Sharing Plan, Life Insurance including Short-Term Disability and AD&D coverage, paid Vacation, Holidays, Sick Days, and Direct Deposit for payroll.

Please email resume and salary requirements to: joe.pereira@pereiraeng.com or fax to: (203) 944-9945.

- **CAD Technician** with Land Surveying Experience.
Full time for Civil Engineering/Surveying company located in Greenwich, CT.
Preferred 5 years experience. Excellent salary and benefits.
For more information contact risoli@optonline.net.
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Hartford County

- **Survey Party Chief** - Dutton Associates, LLC has an immediate opening for this full time position. The company is a Civil Engineering and Land Surveying firm located in Glastonbury, CT with its roots going back to 1946. The firm processes many varied Survey and Engineering projects for numerous private sector clients throughout the State of Connecticut.

The applicant shall possess knowledge of all aspects of field and office procedures relating to boundary, topographic and construction staking surveys. Knowledge of AutoCad Civil 3D, V 16 and Associate or Bachelor's degree is a plus. Applicant must have a current driver's license and possess the manual dexterity to carry 75 lbs. and drive wooden stakes. Salary commensurate with experience.

Send resume to: JimD@DuttonAssociatesllc.com

-
- **Party Chief** - Martin Surveying Associates, LLC, a growing firm located in New Britain, Connecticut is seeking a party chief with the following qualifications:
 - 5+ years of experience in the role of a Party Chief.
 - Ability to perform and work as a one-person crew utilizing robotic total stations and GPS equipment.
 - Experienced in ALTA/ASCM Surveys, boundary surveys, topographic surveys and construction layout on large commercial projects. AutoCAD experience a plus.

Please send Resume to: Martin Surveying Associates, LLC, 321 Ellis Street, New Britain, CT 06051
martinsurveying148@yahoo.com

-
- **Land Survey Manager** - We are currently seeking a qualified Licensed Survey Professional(s) to lead our survey staff and our ongoing survey program. This person will play a vital role in the success of the firm and its reputation. Proven ability to lead staff, think critically and provide support to multiple teams simultaneously is required. Previous project management experience, including project development / marketing is a plus. The qualified candidate will oversee a wide variety of planning, design, and construction surveying projects.

Job Responsibilities:

- Work with project managers to plan surveying processes to support ongoing project efforts and ensure effective and timely completion of surveying deliverables.
- Coordinate with various staff members to ensure a quality product is consistently delivered to clients.
- Interface with clients and stakeholders in order to properly identify and meet surveying needs.
- Manage daily work activities of party chiefs including preparation of daily work requirements and expectations.
- Collaborate with principals, project managers, and clients to participate in project proposals and interviews as requested.

Qualifications: Must currently hold a Professional Land Surveying License.
Please respond to jdebeatham@freemancos.com at Freeman Companies.

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Hartford County continued

- **Survey Party Chief** - Martinez Couch & Associates, LLC
Experience Level: 5 to 8 yrs.; Job Type: Full Time; Job Location: Rocky Hill, CT

Martinez Couch & Associates, LLC has a current opening for a survey party chief in field, office and research areas. The ideal candidate must have experience in boundary and topographic surveys, land records research and proficiency with AutoCAD LDD and Civil 3D. Micro station knowledge is a plus.

Job Duties: Perform surveys of municipal infrastructure such as building and facility sites, open land, development sites, roadways, bridges, streetscapes, residential and commercial developments and construction sites in urban and suburban areas.

Experience Required: Boundary and Topographic Surveys, Hydrologic Surveys, Bridges, As-built Surveys, Stakeout for Construction. Land Records Research. Robotic instrument experience is needed. Good problem solving abilities in both field and office. Ability to interact well with team, staff, clients and subcontractors. Position offers strong growth opportunities.

- **Field Technician/Instrument Operator** - Martinez Couch & Associates, LLC
Experience Level: 0 to 3 yrs.; Job Type: Full Time; Job Location: Rocky Hill, CT

Martinez Couch & Associates, LLC has a current opening for a field technician/instrument operator with 0 to 3 years experience in field. The ideal candidate should be experienced with robotic total stations, data collectors and GPS is preferred but will train the right candidate. Knowledge of various land surveying skills, while performing boundary and topographic surveys, are a plus. Ability to work in urban and rural environments is required. Computer proficiency and good organizational skills are a plus.

Salary commensurate with experience. Valid US driver's license, with a clean driving record.

Martinez Couch & Associates, LLC is a growing Land Surveying, Civil Engineering and Environmental Consulting firm based in Rocky Hill, CT. MCA offers a competitive salary and benefits package including paid vacation, medical insurance, 401(K) retirement plan with employer matching contribution, life insurance, Short-Term Disability and Long Term Disability as well as a professional working environment with opportunity for professional growth and advancement.

Contact Karen Heath at Martinez Couch & Associates kheath@martinezcouch.com
or Alan Fenrow afenrow@martinezcouch.com.

Classified

Hartford County continued

BSC Group - Join our dynamic group of Professional Surveyors, Landscape Architects, Engineers and Environmental Scientists with offices in Glastonbury, Connecticut and several Massachusetts locations including Boston, Worcester and Cape Cod. BSC Group is celebrating its 50th year anniversary with roots founded in Land Surveying and with our sight set on the future. We utilize current technologies, monitor futuristic techniques and encourage creative productivity. The company is currently in search of talented Surveyors to support on-going projects and meet our expected growth in the public and private sectors. We currently have several full time **Land Surveying** positions available in both CT and MA offices. BSC Group offers a comprehensive salary and benefit package including vacation and sick time, medical, dental, 401(k), life and disability insurance. All levels of experience are encouraged to apply.

- **Professional Land Surveyor** –Requires a broad range of skills necessary to support public and private clients, as well as to provide support to in-house civil engineering staff. Requires a BS degree with licenses in MA or CT with at least five years of supervisory experience in land title surveys, topographic/existing condition surveys, boundary surveys and subdivision work, and the ability to perform land record research of complex title histories. Project management and business development skills are highly desirable. Familiarity with the use of field equipment including conventional, robotic total stations, GPS with field to finish techniques utilizing Civil 3D and/or Carlson is desired.
- **Survey Specialist** – Full-time position to collect survey data, perform research, calculations, develop land information databases and generate survey plans utilizing field to finish techniques utilizing Civil 3D and or Carlson is desired. Assists managers with client proposals. Requires BS degree with a minimum 4 years of experience, good client relations skills and effective communication skills. LSIT is preferred.
- **Survey Party Chief** – requires excellent knowledge of field to finish survey techniques using total station and leveling equipment. Knowledge of GPS data collection is desirable. Responsibilities include performing existing condition/topographic surveys, boundary surveys, and construction staking. A minimum of 5-6 years of field experience, valid driver's license with clean driving record, and excellent math skills. Associate's or Bachelor's degree a plus.
- **Survey Technician/Instrument Operator** – Must have a minimum of 2 years' experience using total station & electronic data collector. Experience with Carlson and Civil 3D is a plus. Candidates must have high school diploma, valid driver's license with clean driving record, and good math skills.

Please submit resume with cover letter in confidence to: Human Resources Department, BSC Group, Inc., 15 Elkins Street, Boston, MA 02127; e-mail: info@bscgroup.com; fax: 617-896-4301.

No telephone calls, no recruiters, please. BSC is an AA/EEO employer.

“We offer a signing bonus to qualified candidates”.

New Haven County

Clarence Blair Associates, Inc. (EOE) is hiring for the following field positions:

- **Survey Crew Chief** - Minimum of five (5) years of practical experience.
- **Instrument Man/Rod Man** - Will train as necessary.

Contact: Patrick Corless, Jr., LS
Phone: (203) 495-9950
Email: pcorless@clarenceblair.com

Success usually comes to those who are too busy to be looking for it.

Classified

New Haven County

Godfrey-Hoffman Associates, LLC is looking to fill the following full time permanent positions:

- **Survey Project Manager** - Seeking a self-motivated energetic individual who will help manage, grow and develop existing survey operations as well as create new opportunities. Applicant shall possess excellent verbal and written communication skills.

Qualifications: Proficiency in AutoCAD, Carlson, Microsoft office software and the web is a must. Technical expertise in all types of surveying equipment, including GPS & Robotic total stations. Solid understanding of land surveying mathematical & legal principles as well as a good working knowledge of civil engineering, site construction, permitting & real estate law.

Responsibilities include: Client management, schedule and supervise survey staff, legal research, survey & construction stakeout computations, CAD drafting, preparing boundary descriptions as well as well as coordination with engineering department, outside consultants, zoning & closing attorneys and town and state agencies.

- **Survey Technician** – Seeking a self-motivated, energetic survey technician. A survey technician should possess a strong work ethic, enjoy working outdoors, working individually or in a team and a desire to learn. Qualifications: Proficiency in AutoCAD, Carlson, Microsoft office software and the web is a must. Experience in all types of surveying equipment including, GPS & Robotic total stations. Understanding of land surveying mathematical & legal principles, as well as a good working knowledge of civil engineering & site construction. Responsibilities include: Maintenance and upkeep of survey instruments and associated equipment. AutoCAD drafting of all types of surveys and survey calculations. Import & Export of data to and from data collectors.

These positions offer exposure to a diverse workload that provides for excellent professional development with a future. Come join a great team at Godfrey-Hoffman.

All inquiries will be kept completely confidential. Respond to ahoffman@godfreyhoffman.com

For Sale: E.B.HARVEY JR. & SONS, INC.

Family owned land surveying firm, with over 60 years of experience, and a great reputation. CALS member, owner retiring and moving out of state December 2015.

Extensive client base, thousands of maps, along with first listing in Hartford phone book and four suburban books. Top internet ad the past 4+ years. Also, the files of 3 other surveyors on catalog.

The equipment, field books, files, mapping and computers and plotters available, along with associated phone numbers.

This business has been tailored the past 10+ years to be trouble free. Almost all work is land surveying in nature and not driven by planning and zoning or wetlands approval. I have been downsizing the past 3 years in anticipation of retirement and refer to other firms about as much work as I take in and I still have too much work.

Would love for a local survey firm to continue this company's great tradition of serving the surrounding communities.

Contact Dan Harvey, owner at 860-343-3394 ASAP for details and price. Thanks and looking forward to the future serving in church missions and volunteering. Dan



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PLEASE SUPPORT YOUR SUSTAINING MEMBERS

BEARINGSTAR INSURANCE GROUP

Home, Auto & Other
Personal Insurance Needs
Avon, CT

Evan Cooper - 800-300-4180
evan.cooper@bearingstar.com

BERNTSEN INTERNATIONAL

Survey Markers & Monuments
Madison, WI

Tim Klaben-800-356-7388
tklaben@berntsen.com

BUNCE INDUSTRIES, LLC

Surveying Instruments
& Supplies

Newington, CT
Paul Morin - 860-388-9008
pmorin@bunce.com

CAMILLERI & CLARKE An Affiliate of SMITH BROTHERS INSURANCE

Glastonbury, CT
Robert D. Camilleri - 860-430-3306
rcamilleri@camillericlarke.com

CARLSON SOFTWARE

Surveying Software
Agawam, MA

John O'Brien - 800-283-0023
www.carlsonsw.com
jobrien@carlsonsw.com

DESIGN PRODUCTS, CO.

Engineering Equipment
& Supplies

Newington, CT
Tim Lagosh - 860-666-8573
tim@dpcct.com

EASTERN TOPOGRAPHICS

Aerial Photogrammetry Services
Wolfeboro, NH

Wayne Kelloway - 603-569-2400
wkelloway@e-topo.com

FENNER & ESLER AGENCY

Professional Liability for
Engineers & Surveyors

Oradell, NJ
Timothy P. Esler - 201-262-1200
tpesler@gmail.com

GEOMAPS INTERNATIONAL

Aerial Photogrammetry Services
Bethpage, NY

William Crawbuck - 516-827-9100
billc@geomapsintl.com

GOLDEN AERIAL SURVEYS

Aerial Photogrammetry
Services

Waterbury, CT
Lenny Johnson - 203-426-3322
ljohnson@goldenaerialsurveys.com

KEYSTONE PRECISION INSTRUMENTS

Surveying Instruments
& Supplies

Eric Beiler, CT Sales Rep. -
860-558-5700
ebieler@keypre.com
Paul Carver, Manager - 888-443-9840

MAINE TECHNICAL SOURCE

Surveying Instruments
& Supplies

Woburn, MA
Mike Gage - 800-322-5003
mgage@maintechnical.com

BL FINANCIAL ARCHITECTS

Long Term Care
& Disability

South Windsor, CT
John Carbone - 860-432-1991 x355
jcarbone@blfinaqrc.com

REYNOLDS STRATEGY GROUP

Counselors at Law
West Hartford, CT

Kevin Reynolds - 860-308-2388
kreynolds@rsgllc.com

SUPERIOR INSTRUMENT

Surveying Instruments
& Supplies

Milldale, CT
Mike Jiantonio - 888-852-7377
mjiantonio@superiornetwork.com

TRIMBLE

Surveying Equipment
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Kelly Liberi
www.trimble.com
Kelly_liberi@trimble.com

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Financial Services
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Matt Peak - 860-432-8111
peak@wradvisors.com

WPS / PARSONS BRINCKERHOFF

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Ted Covill - 508-248-1970
www.wspgroup.com
ted.covill@wspgroup.com