



The Connecticut Surveyor



We've all heard about National Surveyors Week – the weeklong celebration of the surveying profession that takes place annually in March. But who's actually celebrating, and how? What is the best way to use this event to the advantage of our profession?

Consider the main three goals of the program;

1. Public awareness of our profession through education;
2. Public awareness of our profession through the media;
3. Public awareness of our profession through public service

The education of the public, both adult and youth, is probably the number one goal of National Surveyors Week. The work we perform for the benefit of the public often goes unrecognized and we need to share our knowledge with them. The work being done by our Trigstar volunteers is incredible and should be highlighted during National Surveyors Week. There are volunteers doing outreach to Boy Scout and Girl Scout groups and resources are available for these programs. We can expand on this and offer to speak to the local Rotary or Lions Club. They are always willing to have a speaker at their meetings. How better to promote your profession and your business than to make a public appearance?

Reaching out to the public through the media and making them aware of our profession and our role in today's society is a goal whose value we all recognize. Over the last few years we have achieved this in a variety of ways including Presidential, gubernatorial, and municipal proclamations, newspaper articles, and radio spots highlighting National Surveyors Week. There is also a GPS Day Website, a National Surveyors Week Facebook page and a National Surveyors Week Twitter account. Each of these channels represents another way for the land surveying community to stay connected with a different section of the public.

Inside this issue

National Surveyors Week	2-3
Celebration of the Terminus	4-5
CALS Golf Outing	6-7
Upcoming Events	8
CALS Summer Baseball Outing	9
Professional Development	10
Women in Surveying	11
What's New with Surveying	
Education by K. Hermansen	12-13
Surveyors Trivia	13
CALS General Membership Meeting	14
March Calendar	15
Health Insurance Opportunity	16
Classified	17-22
CALS Sustaining Members	23



Although the annual effort of contacting the President, members of Congress, your governor and your municipal leaders may seem trivial, remember that it serves to remind *them* that surveyors are important. It is an essential part of our awareness campaign and serves as an introduction to our senators and representatives when we visit them on the hill. Whenever a bill, law or ordinance is being contemplated which affects the public and impacts on our profession, these elected officials should know who to turn to for answers to their questions.

Newspaper articles, radio advertisements, and on line media can serve the same function for our profession, keeping us in the public eye. Rather than being hidden behind an attorney, title agent or real estate agent, we can use the media to highlight the value of our profession with our most important constituency our clients. The best way to get an article about surveying published in a newspaper is to contact a local reporter and let them know that you have a good lead on a community interest story. If that fails to attract their attention offer to write one yourself and submit it to the paper. State societies, society chapters and even private firms have written or sponsored articles or public service announcements which serve as advertising for our profession and their businesses.

In his inaugural address on January 20, 1961, President John F. Kennedy poignantly said “Ask not what your country can do for you—ask what you can do for your country”. It is with this attitude in mind that we should attempt to give back to our nation and our profession and lay the groundwork for the future. We can lament the passing of the geodetic field parties of the past and the disappearance of the NGS monuments, or we can embrace the future, share our expertise and volunteer for a common cause. In doing this we can prepare the foundation which future surveyors and the public will turn to for their geodetic positioning. It will help us hone our skills and keep us current on changes in our own practice.

By Frank Lenik, PLS

Please call the CALS office if you would like to help CALS spread the word about land surveyors.

2018 National Surveyors Week

March 18–24, 2018

{ Global Surveyors Day }
Wednesday, March 21



Download the Volunteer Kit

Get great ideas about activities to try in your region. Visit nspss.us.com and enter **volunteer kit** in the search bar.



Distribute Brochures

For a supply of surveying brochures, please contact Trisha Milburn at NSPS.

✉ trisha.milburn@nspss.us.com



Try This In Your Region

- 1) Have Survey Day at the mall
- 2) Sponsor a Trig-Star Test
- 3) Conduct a Boy Scouts Merit Badge event
- 4) Obtain a proclamation from your state or local government
- 5) Organize Geocaching or Benchmark Hunting:
<https://geocaching.com/mark>
- 6) Try Surveying Mark Recon:
oceanservice@noaa.gov/
education/for_fun/SurveyMarkHunting.pdf
- 7) Plan GPS on Benchmarks:
<https://geodesy.noaa.gov/GPSonBM/>



Talk About Surveying

- Local civic clubs (American Legion, Elks, Grange, Kiwanis, Lions, Rotary, Ruritan, VFW, etc.)
- Professional organizations (realtors, attorneys, bankers, title agents, etc.)
- Teachers and school counselors

CALS 2018 Festival of the Terminus Celebration

Tolland & Hartford Counties celebrated at Adams Mill in Manchester.

Seen below left to right: Kathy Kurland, Arden Keen, Doug Sanborn, Kevin DaRos, Barry Clarke, Ralph Zahner, Larry Geissler, Dave Caricchio, Peter Parizo, Reese Roberts & Ken Pudeler. Richard Meehan left early.



New Haven County after Jim Rossman, from Windham County, crashed the party!

CALS 2018 Festival of the Terminus Celebration

Mascot
created by
Ben
Weingart



New Haven County celebrated at Aunt Chilanda's in Hamden.
Left to right: Christopher Juliano, Matthew Niski, Zachary Georgina,
Calvin Weingart, Scott Snow, Adam Hoffman, Rick Howard & Jennifer Marks



New London County celebrated at Three Guys Brewing in Norwich.
Left to right: Mike Garon, Glen Zagarenski, Susan Mattern,
Ryan Abramson, TJ Benoit, Ryan Cheverie & Mark Silva .

CALS 2018 Golf Outing



Tee off :10:00 am

Date: 06/21/18

Registration begins at 8:30 with a continental breakfast & photos.

Tee off time is 10:00.
A grilled item and chips will be included at the lunch gazebo.

A full dinner buffet will follow with award presentations.

**Portland Golf Course
169 Bartlett Street
Portland, CT 06480
860-342-6107**

\$155 per person

CALS 2018 Golf Outing



CALS Golf Outing Registration Form June 21, 2018

Name _____

Other Players in my group

Phone _____

Email _____

MasterCard or Visa # _____

Expiration Date _____

Signature _____

Total enclosed at \$155 per person \$ _____

Note - PGC does not have a driving range. You can use the driving range one mile away at Portland West, 105 Gospel Lane, Portland, CT.



Portland Golf Course
169 Bartlett Street
Portland, CT 06480
860-342-6107
www.portlandgolfcourse.com

CALS Events



- Thursday, May 3rd - CALS General Membership Meeting, Sheraton Hotel, Rocky Hill, CT. Keith Fuller, from Smith Brothers USA, will give a presentation on “5 Must Have Contract Clauses.” Don’t miss this opportunity to meet with and discuss options for your business. (see page 14)

- Thursday, June 21st - CALS Golf Outing, Portland Golf Course. You deserve a break and so do your employees. Come out to the country and spend some relaxing time with your friends and associates.



- Thursday, July 26th - Hartford Yard Goats Game. Last year was a great time for all who attended. Call the CALS office to reserve your tickets early so that we can all sit together!
Tickets are \$10 each which includes a \$2 credit per ticket to go toward food or souvenirs.



- Friday, November 2nd - CALS 51st Annual Meeting, Sheraton Hotel, Rocky Hill, CT. Nothing can top the great celebration that we had last year but we sure are going to try!





Take me out to the ballgame!

CALS Summer Outing

Thursday, August 10, 2017

Dunkin Donuts Park

1214 Main Street, Hartford, CT 06103

Gates open at 6:00 pm. Game begins at 7:05 pm

CALS has reserved a group of tickets so that we can all sit together and enjoy the game.

Bring your family and friends for a great evening out this summer.

Tickets are only \$10 each with a \$2 credit per ticket to go toward food or souvenirs.

CALS Summer Outing - Hartford Yard Goats - Thursday, August 10, 2017

Name _____

Company _____

Email _____ Phone _____

Please Reserve _____ Tickets @ \$10 each. Total Enclosed \$ _____

Credit Card Number _____ Exp. Date _____

Signature _____



Mail to The Connecticut Association of Land Surveyors
78 Beaver Road, Suite 2-J, Wethersfield, CT 06109

CALS has reserved 25 seats in the left field grandstand. Last year they sold out very quickly and we were not all able to sit together. This is a GREAT FAMILY evening. Get your order in TODAY!

Professional Development

Central Connecticut State University will be offering the Geographic Information Science (GIS) Certificate program again starting February 10. The program consists of 3 courses over a period of 9 months. Each course is online with 12 scheduled on-campus Saturday meetings with the instructor. This provides the freedom to learn on your schedule with the benefit of regularly scheduled one-on-one time throughout the program. The 3 courses are:

Course 1- GIS Essentials

Includes discussion of basic geographic principles such as direction, coordinate systems, spatial relationships, and geographic thought; introduction to what GIS is and how it works in general; introduction to the ArcGIS environment and ArcMap/ArcCatalog applications. It also includes discussion regarding cartography and GIS data and data types. Students leave being able to navigate basic software tools including pan, zoom, query, identify and measure and create shapefiles and shapefile data.

Course 2- Practical Applications of GIS

Discussion of practical applications of GIS in the real world using geoprocessing tools (buffer, clip, join) and an introduction to the geodatabase data structure. Discussion regarding GIS design, implementation and administration. Students leave with basic geoprocessing skills, geocoding, georeferencing, and being able to create a geodatabase and associated data structure. Discussion of applications of GIS in the real world, including crime analysis, geostatistical analysis and spatial analysis. ArcGIS Pro will be highlighted.

Course 3- Advanced Applications of GIS

Discussion of Web GIS, GPS, Mobile GIS, Lidar and photogrammetry. Students will leave the course having created basic web GIS applications and exposure to using internet GIS data sources.

In addition to the University issued certificate, graduation from the program qualifies students for University credits when applied toward a CCSU Master's Degree.

CALS Seminar -

- **How to do Coordinate Geometry in a Spreadsheet**

Presented by Kevin Franklin,, L.S. Kevin Nelson and Professor Thomas Meyer
Friday, June 22, 2018

Using Excel, in such a workshop we could demonstrate everyday functions such as:

- Unit conversions and unpacking DMS format to DD
- HD and VD and grid reductions for sideshots
- Collimation corrections for a traverse set of angles
- Azimuth inversing and Compass Rule tables
- Level run reductions

[Look for a brochure in the near future.](#)





New England Surveying Women

We came together for the second time at the New Hampshire Land Surveyors Association Annual Meeting in December 2017, to discuss topics that are relevant to being a woman in a primarily a male dominated field and to talk about promoting our profession to women and girls. We had a very productive round table discussion attend by seven members.

NESW-New England Surveying Women - was decided on for a name. We intend to invite women from the other NE states to join in our discussions, as well as students from Thompson School, UNH and University of Maine in the engineering, forestry and surveying programs. We plan to meet at NHLS quarterly meetings. In the future we would like to create a group specifically for young women as well.

Short term goals for the group:

- Review the definition of a surveyor.
- Set up talks with local STEM schools focusing on female students.

If you have any ideas you would like to share with us, our ears are open. This is just another avenue to promote our field and bring more young folks into the profession.

Please pass along the word to female associates to join us. We will have a short meeting at the NHLS Spring quarterly in March, during the committee meetings and a social time from 4:00-4:45pm. For a copy of the Spring quarterly brochure, email infor@nhlsa.org.

For more information contact Wendy Pelletier, LLS, NHLSA Treasurer, and owner of Cardinal Land Surveying & Land Planning wendy.pelletier.pllc@gmail.com or call 603-209-1989.



L-R Trisha Kules, L.S. Past President VSL and
Gayle Burchard, L.S. President, VSL

What's New with Surveying Education

By Knud E. Hermansen, P.L.S., P.E., Ph.D., Esq.

I believe informing survey practitioners about the efforts to educate future surveyors is important. Sharing information is necessary for a productive partnership between practitioners and educators.

In a previous article I have discussed the University of Maine's effort to offer dual degrees, and an on-line education option. The University of Maine is not unique in these efforts. Many surveying programs are pursuing these and other options.

In this article, I would like to provide some insight into the means and methods I use to provide distance education. Before explaining these means and methods, I will state that it is my opinion that the traditional classroom is superior to the learning methods I will describe. In the traditional classroom, the interaction between the student and instructor provides immediate visual and verbal interaction and feedback. Oftentimes, for the 18-22 year old student, the compulsory attendance in a scheduled class is a necessary environment in order to create an effective learning environment.

Technology and software have allowed faculty to record lectures, integrate audio and visual stimulations, and animate the visual display. Technology and software have allowed faculty to produce videos on a variety of topics.



To date I have prepared over 116 videos. My colleagues in education have created many more. In only one of the 116 videos is my face shown. These videos are not the 'talking head' video comprised of a video taken of a classroom presentation.

Currently, I use Camtasia software to produce education videos. Once the video has been prepared on Camtasia, I convert the video to mp4 format and upload the video on YouTube. The YouTube address is sent to students who can enter the address into their web browser and view the video.

Students can ask questions via e-mail or using Zoom software. Zoom software allows face-to-face viewing and conversations much like a Skype connection or Go-To-Meeting software. Zoom allows the entire class to interact with each other and with the instructor.

Exams are scheduled on Blackboard software. The exam is scheduled for a certain date and time period. My exam questions are composed of multiple-choice, multiple answer, and true/false. The exam format is very similar to the fundamentals of surveying exam and the principles and practice exam. Question and answer choices are scrambled so that students sitting side-by-side will not likely see the same question at the same time. Even if two students view the same question at the same time, the correct answer to the same question will be in a different order for each student.

There are three general formats for the videos that I prepare. The format depends on the course content. Some courses are predominantly computation or design courses. These videos will display nomenclature, equations, constants, coefficients, and sources for variables followed by example calculations.

What's New with Surveying Education

By Knud E. Hermansen, P.L.S., P.E., Ph.D., Esq.

The video I prepared explaining vertical curves is an example of this format. The equations and the equation development for vertical curves are presented in one video. (<https://youtu.be/vZ1Xwpozax0>) In another video, the vertical curve equations are applied using an example. (<https://youtu.be/o2cw5nDY4do>)

The second format is used for courses that explain the realities of surveying practice. Background, scope, and matter-of-fact aspects of practice are presented in this video format. The format usually shows an example explaining the procedure along with suggestions, explanations, and practical advice. The video on public record research is an example of this format. (<https://youtu.be/rt1BIU0s5YM>)

The third and final format I employ is used for topics explaining legal doctrines and principles that must be utilized by surveyors. The video is an explanation on how the doctrine or principle applies in a particular situation. This video format explains the elements required for the doctrine and application of the doctrine or principle by the surveyor. A video explaining practical location is an example of this format. (<https://youtu.be/FSLmUoi7H08>)

The near future will bring many more changes and innovations leading toward the education of surveying practitioners. If you want to receive information on earning a surveying degree by taking on-line courses, always contact your local or regional surveying program first. If you don't have a local or regional program offering what you need, contact Dr. Raymond Hintz at the University of Maine. (Raymond.Hintz@maine.edu)



Surveyors TRIVIA CHALLENGE

- The early 1980's saw the end of the transcontinental NGS triangulation program that was used to create what we know as NAD 83. The NGS Surveyors used steel towers (designed by Jasper Bilby in 1926) to observe all of the Triangulation angles for this program. At one point, Bilby Towers set atop tall hills, dotted the skylines of our state. Question – Where and when was the last Bilby Tower erected?
- There were approximately 50,000 such towers used by The USG&GS / NGS nationwide over the years. Why are they no longer used and what replaced them?

See answers on page 15

CALS General Membership Meeting

May 3, 2018 - Sheraton Hotel

100 Capital Boulevard, Rocky Hill, CT 06067

Cocktails & Registration 5:30pm, Dinner 6:30 pm



Keith Fuller, MBA, CIC

Keith Fuller , Commercial Lines Risk Advisor for CALS Sustaining Member Smith Brothers Insurance will give a very important presentation on contract clauses.

*Your firm's survival in the marketplace may depend as much on effective risk management as anything else. A key ingredient in managing risk is having the right professional services contract in place. A strongly worded, legally enforceable, written contract can spell the difference between a great project with a client who's likely to work with you again and a project you wish you had never agreed to take on. **The presentation will focus on critical contract clauses that every contract should have and what they mean to you as a business owner and the impact to your business.** We'll cover contract clauses that are a deal maker, clauses that are a deal breaker and what language will make your contract uninsurable.*

CALS 2018 General Membership Meeting Registration Form

Name _____

Company _____ email _____ phone _____

Meal Selection: (1) Chicken Picatta or (2) Prime Rib of Beef. Please circle your meal choice .

All meals include, salad, entrée, coffee/tea and chocolate mousse pie for dessert. \$55 per person

Total \$ _____

Credit card number _____ Expiration Date _____

Signature _____

Please return to CALS, 78 Beaver Road, Suite 2-J, Wethersfield, CT 06109



March 2018

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2 Employee Appreciation Day	3
4	5	6	7	8	9	10
11 Day Light Savings Time Begins	12	13	14	15	16	17 St. Patrick's Day
18	19	20 Spring Begins	21	22	23	24
25	26	27	28	29 CAL S BOD Meeting	30	31

NATIONAL LAND SURVEYORS WEEK

Surveyors Trivia Answers

- September of 1984 in Windsor, CT
- GPS

Classified Ads



Fairfield County

- **Licensed Land Surveyor** - S.E. Minor & Company, based in Greenwich, CT seeks to hire a full time CT licensed land surveyor. Experience with all phases of land development is essential. Needs to be able to communicate effectively with survey and engineering staff, clients, municipal review boards and other design professionals. Requires ability to work independently and with a team, assist in establishing project budgets, schedules, and meet established deadlines. Minimum 6 years relevant experience; L.S. required. Requires excellent verbal and written communication skills as well as proficiency in the use of AutoCAD and related software.

Competitive salary commensurate with experience; health and 401k benefits package offered. Candidates should email resumes to: resumes@seminor.com.

Surveyors and Field Technicians, Build your future with us!

Join the Redniss & Mead Team of Land Use Specialists in our firm located in **Fairfield County, CT**. With a strong commitment to our core values of Quality, Integrity, Service and Respect, Redniss & Mead prides itself on a work environment where you learn from and collaborate with an experienced team of civil engineers, land surveyors and planners. You will be part of a culture that encourages work-life balance, career growth and personal development. We are currently in search of both **entry level and experienced candidates** to join our team to support a busy workload.

- **Surveyor** candidates should have experience in the processing and preparation of all types of surveys, including boundary surveys, topographic surveys and construction layout. Knowledge of AutoCAD is required. Responsibilities include: performing fieldwork, processing and mapping of fieldwork, coordination with clients and in-house teams of surveyors, engineers and planners.
- **Field Technician** candidates should have an education background in a field related to land surveying and some relative work experience (data collection experience is beneficial). The position entails instrument operation, collecting and uploading survey data, maintaining field equipment, conducting deed research and frequently meeting with the Project Surveyor team.

For both positions, the candidate will have the opportunity to work on a variety of project types including residential, commercial and institutional. For consideration, please apply via LinkedIn or forward your resume to: Lawrence W. Posson, PLS, Director of Surveying: L.Posson@rednissmead.com. *We are an Equal Opportunity Employer and offer competitive compensation and an excellent benefits package including merit-based bonuses, medical/dental/vision, paid time off, life and disability insurance, 401K retirement plan, family/medical/military leave, health club membership and financial support for professional licensing, certification and membership fees. Visit our website at www.rednissmead.com.*

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- **Connecticut Licensed Land Surveyor** to perform land record research, field work, office computations and drafting. CAD experience a must with newer versions of Autocad. This is a full-time position.

Contact Paul at Brautigam Land Surveyors, P.C. 203-270-7810.
Or send resume to Surveyor@BrautigamLand.com.

Classified Ads

Fairfield County continued...

- **Survey Technician/Party Chief** - Arcamone Land Surveyors LLC located in Norwalk, CT is looking to hire a full or part time CT surveyor. Responsibilities include performing land title search, zoning location surveys, property surveys, topographic surveys, construction layout and staking and elevation certificates. Knowledge of AutoCAD and data collection in processing and preparation of all surveys is required. Ideal candidate should have a minimum of 6 years field experience. Robotic/GPS experience a plus. A valid driver's license with a clean driving record is required. Arcamone Land Surveyors offers a competitive salary, paid vacation, paid holiday and health club benefit.

Please submit resume to Wayne Arcamone P.L.S./Owner at wayne@arcamonesurveyors.com.

Hartford County

- Bongiovanni Group, Inc., located in Central Ct, a leader in the Land Surveying Profession for over 33 years, is looking for Professional/Career orientated people to join our Firm. We are seeking qualified candidates to fill positions for a unique, long term project. We will entertain applicants with qualifications ranging from experienced [Instrument Operators and Party Chiefs to Licensed Land Surveyors](#). This is an extraordinary opportunity for motivated, conscientious, and detail-oriented individuals that offers the highest levels of compensation.

Experience using robotic total stations and controllers is required. Use of Leica equipment, multi-stations/scanning and GPS equipment will be given a preference. Use of AutoCAD Civil 3D and MicroSurvey StarNet software are helpful. All successful applicants will be subject to drug testing and background checks performed. A valid Ct. driver's license is required.

Please send Resumes to: Alan Bongiovanni, L.S., Bongiovanni Group, Inc., 170 Pane Rd., 2nd Floor, Newington, Ct. 06111-5521 or email to al@bgils.com. Phone (860) 666-0134. All inquiries are kept confidential. EOE/AA.

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- **Party Chief** - Martin Surveying Associates, LLC, a growing firm located in Berlin, 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/NSPS 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

Classified Ads

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 was founded more than 50 years ago with our roots in Land Surveying and 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 full-time **Land Surveying** positions available in our Glastonbury office. 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.

- **Land Surveyor/Project Manager** – 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 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., 803 Summer Street, Boston, MA 02127; e-mail: info@bscgroup.com; fax: 617-896-4301.

No telephone calls, no recruiters, please.

BSC is proud to be an AA/EEO employer. Women, minorities, persons with disabilities and veterans are encouraged to apply.

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- **Surveyor Party Chief** - J.R. Russo & Associates, LLC, is a growing civil engineering and land surveying firm in East Windsor, Connecticut providing land surveying and site engineering services in both Connecticut and Massachusetts. Our comfortable atmosphere and excellent benefits have enabled us to retain an experienced workforce, many with over 20 years of service. We have an opportunity for a dependable and motivated full-time Survey Party Chief to join our survey team.

The successful candidate will have 6 years of experience in land, boundary and topographic surveying and construction layout. Experience with robotics, GPS and Leica equipment is a plus. Valid driver's license and clean driving record a must.

We offer a competitive salary, medical and dental insurance, paid personal time off, paid holidays and retirement plan. Please submit your resume to Inoble@jrrusso.com.

Classified Ads - Hartford County continued...

Hartford County continued...

Anchor Engineering Services, Inc., a multi-discipline Engineering, Surveying and Environmental firm working on a wide and varied list of projects, has two openings for qualified, motivated people. Anchor Engineering Services, Inc. provides land surveying services throughout Connecticut and western MA on a wide variety of projects including, subdivisions, bridges, railroads, utilities, boundary surveys, ALTA surveys and many others. These are great opportunities for career development:

- **Survey Instrument Operator / Field Technician:** 1+ years exp. Data collector, GPS, total station exp. required.
- **Survey Crew Chief:** 5+ years exp. Data collector, GPS, total station exp. require, CAD experience helpful.

Pay commensurate with experience. Benefits including health/dental insurance, 401(k) plan and vacation. Please send resume to: Anchor Engineering Services, Inc., 41 Sequin Drive, Glastonbury, CT 06033. careers@anchorengr.com EEO/AA

Land Surveyor- Senior CAD Manager—MCA is looking for a candidate with a broad range of experience and skills necessary to support multiple field crews.

Computations, title research analysis, property-boundary determination, preparation of stakeout and QA/QC for projects ranging from ALTA/ACSM, boundary and topographic surveys, and cross sections are among the expertise required. High quality work and attention to details are essential qualities for the position.

At least five years of experience is required. Must be proficient with AutoCAD. Knowledge of MicroStation is a plus. Professional License is not required but will be considered a plus.

Martinez Couch & Associates, LLC (MCA) 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, life insurance, Short-Term Disability and Long Term Disability as well as a professional working environment with opportunity for professional growth and advancement.

Litchfield County

- **Licensed Land Surveyor** - Civil 1, a civil engineering, planning, consulting and land surveying firm, located in Woodbury, CT, seeks to hire a professional land surveyor (PLS) with 5+ years of experience. Qualified individual will lead the land surveying department in researching land records, conducting field work, utilizing state-of-the-art Robotic/GPS instruments, survey calculations, construction stakeout, overseeing the operation and maintenance of survey equipment, and communicating with the project team. This position requires a self-starter who is proficient using AutoCAD Civil 3D and GPS/RTK; has prior experience as a crew chief; is able to read and interpret construction plans; and can operate survey equipment, including but not limited to robotic total stations, GSP survey equipment, data collectors and automatic level. The candidate must hold a valid driver's license with a clean record. Civil 1 offers a salary commensurate with experience, paid vacation and holidays, and a competitive benefit package.

Please submit resume to Alice Jones, Office Manager at alice@civil1.com.

Classified Ads

Middlesex County

- **Survey Project Manager** - BL Companies, an ENR Top 500 Architectural, Engineering, Environmental and Land Surveying Consulting Firm has an exciting career opportunity immediately available for a Survey Project Manager to join the firm's growing survey division in its Meriden, Connecticut office. The selected candidate will have at least 8 years' experience and will be responsible for managing the successful delivery of survey projects. The position includes the preparation of proposals, estimating project costs, managing project budgets, resource planning, and client contact. Excellent verbal and written communication skills along with organizational skills are required for this position. Professional license is not required but desirable. This individual will work closely with BL's Survey Management team and will participate in overall operations of the department. The candidate will also participate in BL's leadership development programs and will have a unique opportunity to make a broad and significant contribution to BL's growth while advancing their leadership skills.

BL Companies offers an excellent benefits package and fosters a growth-oriented work environment. Please send resume to: Human Resources, BL Companies, 355 Research Parkway, Meriden, CT 06450, via fax to 203-630-2615 or e-mail resumes@blcompanies.com. EOE. Visit our website at www.blcompanies.com. An Employee Owned Company.

New Haven County

Career Opportunity - Godfrey-Hoffman Associates, LLC & Hodge, LLC are small survey/civil firms with our headquarters in North Haven, CT and a satellite office in Farmington CT. Since 1924 & 1925 respectively GHA & Hodge have provided Connecticut with superior service and integrity in the land surveying & civil engineering arena.

- **Civil Engineer, Project Manager:** Small multi-discipline firm looking for self-motivated, energetic engineer to fill this full-time permanent position. Duties to include, residential & commercial site planning, subdivision design, storm water management and onsite sewage disposal system design. Must possess excellent written and verbal skills as well as be experienced with AutoCAD, and the public approval process required. Minimum 5 years' experience. PE license preferred but not required.
Career oriented individual willing to work on projects from initial concept, thru design and construction. Some night commission meetings will be required.
This position offers exposure to a diverse workload that provides for excellent professional development with a future. Come join a great team at Godfrey-Hoffman and Hodge.

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

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- **Survey/Field Technician** needed for a small civil/land surveying firm in Meriden.
Candidate must have a min 2 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 industrial. For consideration, please forward your resume to Scott Poryanda at scott@cce95.com or call the office 203-639-8636.

Classified Ads

New Haven County continued...

- **Civil Engineering Technician** needed for a small civil/land surveying firm in Meriden. Candidate must have a min 2 years experience in the civil engineering field. Knowledge of AutoCAD is required. Some responsibilities will include the designing of subdivisions, septic systems, plot plans, and commercial projects. If you are looking to expand your experience, please forward your resume to Scott at scott@cce95.com or call the office 203-639-8636.

Connecticut/New Hampshire/Rhode Island

- GM2 Associates, Inc., an established comprehensive engineering design and construction firm is seeking to hire **Massachusetts Licensed Land Surveyor** for a full-time position. Required experience includes the ability to operate survey equipment, GPS, Total Station, and perform field and office work, including AutoCAD; Carlson experience preferred. Some travel will be required. Visit <https://gm2inc.com/careers/> to submit your resume. Please, no phone calls. GM2 Associates, Inc. is a CT based EOE providing services throughout the northeast via its CT, NH and RI locations.

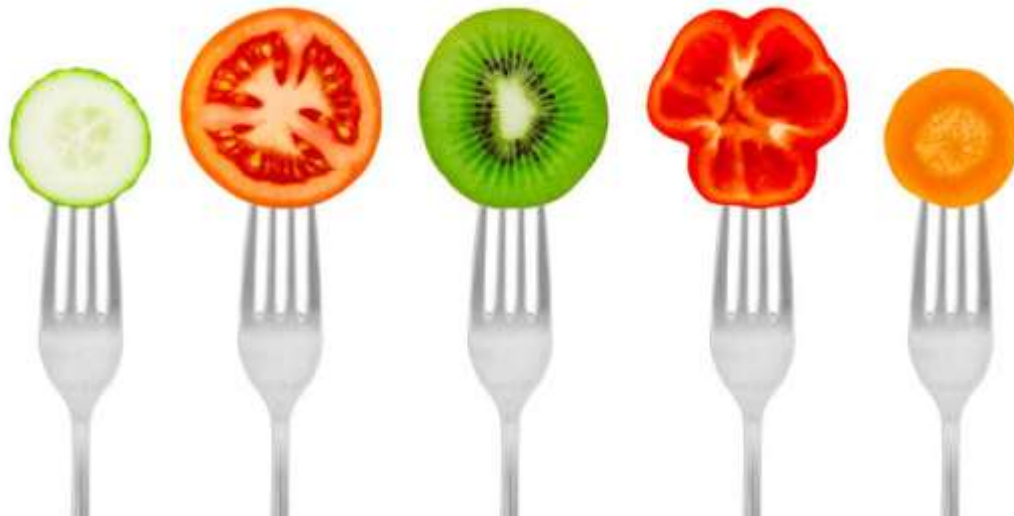




PLEASE SUPPORT YOUR SUSTAINING MEMBERS

<p>A CUT ABOVE AERIAL IMAGING Aerial Photogrammetry Services Dennis Carbo - 860-212-8559 www.dcarbophoto.com Dcarbo@mac.com</p>	<p>FENNER & ESLER AGENCY Professional Liability for Engineers & Surveyors Timothy P. Esler - 201-262-1200 www.fenner-esler.com tpesler@gmail.com</p>	<p>SMITH BROTHERS INSURANCE Insurance Center Scott Smith - 860-430-3287 www.SmithBrothersUSA.com ssmith@smithbrothersusa.com</p>
<p>BERNTSEN INTERLATIONAL IMAGING Survey Markers & Monuments Kari Campbell - 800-356-7388 www.berntsen.com Kcampbell@berntsen.com</p>	<p>GEOMAPS INTERNATIONAL Aerial Photogrammetry Services William Crawbuck - 516-827-9100 www.geomapsintl.com billc@geomapsintl.com</p>	<p>SUPERIOR INSTRUMENT Surveying Instruments & Supplies a full-line Topcon Dealer Pay O'Malley - 888-852-7377 www.superiorinstrument.com pomalley@superiornetwork.com</p>
<p>CARLSON SOFTWARE Surveying Software Jim Carlson - 703-627-3055 www.carlsonsw.com jcarlson@carlsonsw.com</p>	<p>GOLDEN AERIAL SURVEYS Aerial Photogrammetry Services Rick Markey - 203-426-3322 www.goldenaerialsurveys.com rmarkey@gassurveys.com</p>	<p>TOPCON SOLUTIONS STORE Surveying Instruments & Supplies Paul Morin - 860-388-9008 www.topconsolutions.com pmorin@topconsolutions.com</p>
<p>COL EAST INTERNATIONAL, LTD Aerial Photogrammetry Services Mark Thaisz - 800-359-8676 www.col-east.net mthaisz@col-east.com</p>	<p>KEYSTONE PRECISION INSTRUMENTS Surveying Instruments & Supplies Eric Bieler - 860-558-5700 www.keypre.com ebieler@keypre.com</p>	<p>WADDELL & REED Financial Services Matthew Peak - 860-432-8111 www.wadell.com peak@wradvisors.com</p>
<p>DESIGN PRODUCTS, CO. Engineering Equipment & Supplies Tim Lagosh - 860-666-8573 www.designproductscompany.com tim@dpcct.com</p>	<p>MAINE TECHNICAL SOURCE Surveying Instruments & Supplies Mike Gage - 800-322-5003 www.mainetechnicalsource.com mgage@mainetechnical.com</p>	<p>WAYPOINT TECHNOLOGY GROUP, LLC Professional Positioning Services Greg Hunt - 518-438-6293 www.waypointtech.com ghunt@waypointtech.com</p>
<p>EASTERN TOPOGRAPHICS Aerial Photogrammetry Services Sharon Copp - 603-569-2400 www.e-topo.com scopp@e-topo.com</p>	<p>REYNOLDS STRATEGY GROUP Counselors at Law Kevin Reynolds - 860-308-2388 www.rsgllc.com kreynolds@rsgllc.com</p>	<p>WPS USA Multi-disciplinary Engineering Services Ted Covill - 508-248-1970 www.wspgroup.com ted.covill@wspgroup.com</p>

March is National Nutrition Month



Connecticut Association of Land Surveyors
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