



# Dunkin Donuts Stadium

#### Inside this issue

CALS 2017 Baseball Outing	2
President's Forum	4
Trivia	5
The Great American Eclipse	6
Home in two countries	9
CALS 50th Annual Meeting	9
Professional Development	10
CALS New Sustaining Member	12
Surveyors Rendezvous 2017	13
Classified	14
Calendar	19
Sustaining Members	20

### CALS Summer Outing

B	
Take r	ne out to the ballgame!
	<b>ALS Summer Outing</b>
Thu	rsday, August 10, 2017
	Dunkin Donuts Park
Gates o CALS I we can for Tickets are	Main Street, Hartford, CT 06103 pen at 6:00 pm. Game begins at 7:05 pm has reserved a group of tickets so that all sit together and enjoy the game. Bring your family and friends a great evening out this summer. only \$10 each with a \$2 credit per ticket b go toward food or souvenirs.
Contarta	ting - Hartford Yard Goats - Thursday, August 10, 2017
Name Company	
Email	Phone
Please Reserve	Tickets @ \$10 each. Total Enclosed §
	erExp. Date 🕥
Signature	Mail to The Connecticut Association of Land Surveyors 78 Beaver Road, Suite 2-J, Wethersfield, CT 06109

#### **CALS Summer Outing**

"Any ballpark favorite that people can come up with, we'll have it," Sagolla says, promising burgers, fries, soft pretzels, cotton candy and a grill cart for freshly prepared cheesesteaks and foot-long bratwursts. The signature Yard Goats burger at Dark Blues Diner is topped with arugula, caramelized onions and bacon and — you guessed it — goat cheese.

Visitors also will experience samplings from the local restaurant scene. Bear's Smokehouse was the first major food vendor announced for the park, with a "barbecue deck" space in left field. The menu will feature Bear's staple favorites like pulled pork, brisket and Bear Attacks (meat topping a mound of macaroni and cheese and cornbread.) Bear's co-owner Cheryl McDonald said the park menu would also offer Hound Dogs, "our way to

turn a plain hot dog into deliciousness," with hot dogs topped with choice of pork, brisket or chopped meat; cheese sauce and barbecue sauce. A Philly-style brisket sandwich is also in the works. U.S.S. Chowder Pot's clam chowder will appear at other concession stands, and a "Reggae in Right" food stand features beef patties from Scott's Jamaican Bakery, along with a Caribbean jerk chicken sandwich and yucca fries with spicy banana ketchup.

Representatives from area restaurants will sell from a kiosk called Hartford Neighborhood Flavors, Restall says, with a rotating lineup of offerings. BK's Chicken and Waffles, Comerio, Caribbean Food Concepts, Southern Bell Soul Food, Mercado Food Truck and The Whey Station have signed on to participate, with more to be announced.

Beer drinkers also will find plenty of choices, with local Thomas Hooker and City Steam brews mixed in with larger brands like Budweiser, Heineken and Sam Adams.

Sagolla guarantees there will be healthier fare like salads and wraps, with vegetarian and gluten-free items.

"Everywhere you turn, you'll find food and beverage," he says. "You won't be able to walk very far without finding something new and different." "We really view [the park] as one of the largest restaurants in Connecticut," says Yard Goats general manager Tim Restall. "The food is such an important part of the fan experience."



Official Locker Room at Dunkin Donuts Stadium



Ball field at Dunkin Donuts Stadium

## President's Forum

CALS is compiling a list of cities and towns in Connecticut that currently require digital files .

Please call or email the CALS office if you know of a city or town that has this requirement.



Email - Kathy @ctsurveyors.org Phone - 860-563-1990



#### Towns that require digital files:

Bridgeport - Yes for As-Builts

Greenwich - No PDF's

Groton - Yes

Ledyard - Yes

Mansfield - Yes

New Haven - Cad Files

North Haven - Yes

Salem - Yes

Southington - Requires PDF's for subdivision applications

Waterbury - Yes

Westport - Yes

Wilton - Yes for As-Builts



Please feel free to submit your comments and thoughts.





### They thought it was a camera!

Submitted by CALS member Ken Pudeler



#### The Great American Eclipse

On August 21, the first coast-to-coast total solar eclipse in 99 years will occur when the sun begins to disappear behind the moon, turning daylight into twilight, and causing the temperature to drop rapidly.



The so-called "Great American Eclipse" will run from Oregon, along a stretch of land about 70 miles wide. Those who are in the path of totality are in for an unforgettable experience.

More than 200 million people will view Great American Eclipse and many more will be caught in traffic jams as viewers rush to see this breathtaking 2 minute and 40 second show.

#### **Interesting Facts:**

- A solar eclipse is a lineup of the Sun, the Moon, and Earth. The Moon, directly between the Sun and Earth, casts a shadow on our planet. If you're in the dark part of that shadow (the umbra), you'll see a total eclipse. If you're in the light part (the penumbra), you'll see a partial eclipse.
- A solar eclipse happens at New Moon. The Moon has to be between the Sun and Earth for a solar eclipse to occur. The only lunar phase when that happens is New Moon.
- Solar eclipses don't happen at every New Moon. The reason is that the Moon's orbit tilts 5° to Earth's orbit around the Sun. Astronomers call the two intersections of these paths nodes. Eclipses only occur when the Sun lies at one node and the Moon is at its New (for solar eclipses) or Full (for lunar eclipses) phase. During most (lunar) months, the Sun lies either above or below one of the nodes, and no eclipse happens.
- Eclipse totalities are different lengths. The reason the total phases of solar eclipses vary in time is because Earth is not always at the same distance from the Sun and the Moon is not always the same distance from Earth. The Earth-Sun distance varies by 3 percent and the Moon-Earth distance by 12 percent. The result is that the Moon's apparent diameter can range from 7 percent larger to 10 percent smaller than the Sun.
- Everyone in the continental U.S. will see at least a partial eclipse. In fact, if you have clear skies on eclipse day, the Moon will cover at least 48 percent of the Sun's surface. And that's from the northern tip of Maine.

The Great American Eclipse





#### The Great American Eclipse

**You won't need a telescope.** One of the great things about the total phase of a solar eclipse is that it looks best to naked eyes. The sight of the corona surrounding the Moon's black disk in a darkened sky is unforgettable. That said, binoculars give you a close-up view — but still at relatively low power — that you should take advantage of several times during the event.

**Nature will take heed.** Depending on your surroundings, as totality nears you may experience strange things. Look. You'll notice a resemblance to the onset of night, though not exactly. Areas much lighter than the sky near the Sun lie all around the horizon. Shadows look different. Listen. Usually, any breeze will dissipate and birds (many of whom will come in to roost) will stop chirping. It is quiet. Feel. A 10°–15° F drop in temperature is not unusual.



The next eclipse will occur in 2024, when the moon's shadow ill cross southern Texas and move up into the eastern half of the United States, passing over Ohio, New York, and Montreal.

#### Home in two countries



This home is as unique as it gets - build in 1782, this nine-bedroom, three-bathroom historic building known as the "old Stone House" rests on the United States/Quebec Canada Border.

The house is currently listed for sale for \$109,000 but he uniqueness of it's location make it a tough sell - Armed officers on both sides of the border guard it 24 hours a day. In addition, the current owner, who acquired the property from his aunt in the 1950's pays taxes to both countries.

Going back and forth between two countries is not easy - unless you are a dual citizen, life in and around the house has its challenges.

#### Get ready for CALS "50th" Annual Meeting

The BIG multi-State celebration takes place on Friday November 3, and Saturday November 4, 2017, and you don't want to miss it!

Just a few of our guest speakers include Dr. Joseph Pavia, Dan Martin, Attorney Elton Harvey, Thomas Meyer, Phd., Jay Doody, Robert Thorson, Matt Peak, Motivational Speaker Anthony Depota, & Dr. James Golden.

The exhibit hall will be filled with vendors showing the latest state-of-the art equipment and services.

See you in November!

#### **Professional Development**



### **GPS Static Post-Processing Workshop**



Presented by John J. Doody, PS/PE

#### Wednesday, August 16, 2017, 8:30am— 4:30pm

**CCSU Institute for Technology and Business (ITBD)** 

Professional Workshop PDH/CEU credit CT, VT, RI, ME 6.75 PDH, NH 1.7 CEU NY Live Credits 6.75 Hours, 0.675 CEU Click here for a registration form.

#### NOAA Data Access Viewer

The NOAA site is a reference and resource site which surveyors can use to download contours, topographic data and more.

#### NOAA: Data Access Viewer

- You click the type of data you want.
- Then window your Area of Interest.
- Pick the data sets you're interested in.
- Open your cart and, *perhaps* better specify the data format. (maybe CT NAD83 and NAVD88 in survey feet instead of latitude/longitude with Z in meters)

It packages up the data and email you the link to download the package. It also gives you links to the dataset metadata and original delivery reports.

### NSPS team at 2017 National Jamboree, the Boy Scouts of f y m S America



#### NSPS

Readers of NSPS News & Views will recall an article in the April 12, 2017 edition seeking donations from NSPS members and the 50 state surveying societies to assist in covering the cost of participation in the Jamboree. The Jamboree is held every four years at the Summit Bechtel Reserve along the New River Gorge in central West Virginia.

Thanks in large part to the success of that campaign, four dedicated volunteers are currently attending the Jamboree (July 21-27) to assist Scouts in attaining the Surveying Merit Badge. NSPS extends its sincere thanks and

appreciation to this group for their dedication to the surveying profession, and to the mission of NSPS. Thank you, Joe Elwell, Will Clark, Kyle Schultze, and Steve Okuley for carrying on this tradition!

Pictured, left to right: Steve Okuley, Will Clark, Kyle Schultze, Joe Elwell

#### Meet CALS New Sustaining Member

BirdsEyeView Aerobotics proudly offers the FireFLY6 PRO: a long-range flying wing with powerful vertical takeoff and landing capabilities. Now with RTK, tailored specifically for the mapping & surveying professional! 43-50 minutes flight time with payload (500 acres of coverage). Visit us at <u>www.birdseyeview.aero</u> for more information!



Be sure and stop at the Birds Eye View booth at the CALS Annual Meeting in November.

#### **Sunflowers**

The sunflower is the only flower with flower in its name. Sunflowers are the symbol of faith, loyalty and adoration. Sunflowers follow the movement of the sun across the sky from east to west. Sunflower oil was able to soften leather, condition hair, wounds and used as cooking oil. Oil of sunflower is rich in minerals like calcium and iron and contains vitamins A and D. Sunflowers are one of the fastest growing plans and average 8-12 feet in 6 months. The Guinness world record for the tallest sunflower is 25 feet 5 1/2 inches.



## SURVEYORS RENDEZVOUS 2017

September 13 – 16, 2017 Boxboro Regency Hotel & Conference Center

Boxborough, Massachusetts



Thoreau the Land Surveyor Surveying the Deadly Hoosac Tunnel The Massachusetts-Rhode Island Boundary Survey

Featuring Patrick Chura, Author of Thoreau the Land Surveyor

Visit Minuteman Park, Walden Pond and the Old North Bridge

Enjoy the Annual Rendezvous Picnic and Benefit Auction at the Rustic Concord Rod and Gun Club

View Thoreau's Survey Plats and Surveyor's Compass at the Concord Free Public Library

Chat with Henry David Thoreau in his Cabin at Walden Pond

Share in the Final Point Dedication at Sleepy Hollow Cemetery



#### **Guest Program Featuring Visits to:**

Orchard House, home of Louisa May Alcott The Wayside, home of Nathaniel Hawthorne The Old Manse, home of Ralph Waldo Emerson

Complete Details at www.SurveyorsHistoricalSociety.com

#### **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: <u>resumes@seminor.com</u>.

Immediate Need for multiple positions at Redniss & Mead, 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.
- 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 health club membership.

<sup>•</sup> Connecticut Licensed Land Surveyor to perform land record research, field work, office computations and drafting. CAD experience a must with newer versions. This is a full-time position.

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

#### 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., 2<sup>nd</sup> Floor, Newington, Ct. 06111-5521 or email to <u>al@bgils.com</u>. Phone (860) 666-0134. All inquiries are kept confidential. EOE/AA.

- **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 ongoing 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: <u>info@bscgroup.com</u>; 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.



Buttonball Farm Griswold, CT

#### **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 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 <u>resumes@blcompanies.com</u>. EOE. Visit our website at <u>www.blcompanies.com</u>. An Employee Owned Company.

- Instrument Person We currently have an opening for an Instrument Person in our Cromwell, CT office. Practical knowledge of land surveying practices is required. Skills in using total stations, GNSS equipment, robotic instruments and data collectors a plus. Applicants should have the ability to travel for work. A high school diploma or equivalent is required. A minimum of three (3) years of survey experience is preferred. OSHA 40 hour training and OSHA construction certificate a plus. All successful applicants will have back ground checks, will be drug tested and will be subject to random testing throughout the year. The LRC Group is an Affirmative Action/Equal Opportunity Employer.
   Please send resumes to: contact@lrcconsult.com.
- Party Chief We currently have an opening for an Survey Party Chief in our Cromwell, CT office. The Survey Party Chief would be responsible for overseeing a survey field crew on projects ranging from construction stakeout, utility, boundary and topographic survey, right of way surveys. Skills in using total stations, GNSS equipment, robotic instruments and data collectors a requirement. Applicants should have the ability to travel for work. A high school diploma or equivalent is required. OSHA 40 hour training and OSHA construction certificate a plus. The ideal candidate should have 5 or more years of surveying experience in the fields listed above. All successful applicants will have background checks, will be drug tested and will be subject to random testing throughout the year.

The LRC Group is an Affirmative Action/Equal Opportunity Employer.



#### **Classified Ads**

#### **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

- 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.
- 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.



### August

#### August Trivia

- The Romans gave this month its name in 8BC, after the first Roman Emperor Augustus who ruled from 27BC until his death in AD14.
- Before then, the month had been known as Sextilis, as it was the sixth of ten months in the Roman Calendar, which began with March.
- · The Anglo-Saxon called August "Weodmonath" meaning "weed month".
- The birthstones for August are the peridot and the sardonyx and the flowers are the gladiolus and poppy.
- August was the 55th most common name given to a baby boy in Sweden in 2014.

5	ASSOCIA	TION O	
NECTIC	CAL	S	NC. 1
CON		and a	/
-	AND SU	AVE	

Saturday	Friday	Thursday	Wednesday	Tuesday	Monday	Sunday
	4 International Beer Day	3	2	1		
1 International Youth Day	11	10 CALS Baseball Outing at Dunkin Donuts Park	9	В	7	6
1	8ı.	17	36 GPS Static Post Procession Workshop	15	34	13
25	25	24	23	-22	23. The Great American Eclipse	20
		33	30	29 Day against Nuclear Tests	28	27

PLEASE SUPPORT YOUR SUSTAINING MEMBERS





# August is National Immunization Month

Connecticut Association of Land Surveyors 78 Beaver Road Suite 2-J, Wethersfield, CT 6109 Phone: 860/563/1990 Fax: 860/529/9700 Website: www.ctsurveyors.org email: kathy@ctsurveyors.org