

The Connecticut Surveyor

Volume 16, Issue 3

March 2011

CALS General Membership Meeting set for May 5, 2011



Inside this issue:

Legislation on High Tide Line	2
The One Lot Subdivision Directory of Firm Members	3
NSPS Student Competition	4
National Museum of Surveying Grand Opening	5
NSPS News & Views Legislation Around the Country	6-7
Professional Development	8
Classified Newly Licensed Surveyors	9
Street Grids in Manhattan	10-11
CALS Sustaining Members	

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

Mark your calendar, the CALS General Membership Meeting will be held on Thursday, May 5th, at the Chowder Pot in Hartford, Connecticut. Registration and cocktails will be served at 6:00 in the Admirals Room. Followed by a sit down dinner, coffee and dessert.

Guest speaker will be John O'Black who will give a presentation on **Wethersfield History**.

An introduction will provide an overview of the unique geological history of the land around us, human habitation of that land, and the period of rapid European colonization and interaction with Native Americans. Wethersfield for half of its existence was an international maritime port. Noteworthy people of Wethersfield and their experiences in peace and war will be discussed. A most famous surveyor, George Washington, came here three times. John Adams and Alexis de Tocqueville were visitors. The timeline will end at the Civil War.

About the Speaker

John Oblak is a member of Wethersfield Historical Society. He was raised in the Western Reserve section of Ohio and educated at Case Western Reserve University. After college, he and his wife Darlene did a "reverse migration" from the Western Reserve to Connecticut for employment at Pratt & Whitney Aircraft. John retired after some thirty years with United Technologies where he held technology-related positions in several of its operations. John and Darlene raised three sons in Wethersfield. They and their families remain in New England.

Look for a reservation form the first week in April.

Legislation on High Tide Line

If you have ever had a frustrating experience trying to establish a High Tide Line, that has caused delays and confusion for your client, CALS needs your help in making that experience known to the Environmental Committee as soon as possible.

On March 8, 2011, Jay Doody testified before the Environmental Committee on Raised Bill 1114, which CALS introduced to revise the High Tide Line. We are proposing that the High Tide Line be defined as:

Means 1.80' above mean high water, in the latest tidal epoch approved by NOAA.

This elevation matches the predicted tide developed by Bill Giel in Central and Western Connecticut, and matches existing DEP HTL elevation in the eastern part of the Sound. It is also reasonable for all tidal rivers. It is a simple and straightforward definition that will be easy to map and stake, and will allow clients to know right away if a DEP construction permit is required. Supporting data is attached.

The raised bill 1114 also addressed removing references to extreme local high water. In discussing this with OLISP, they felt it was important to keep this in place as a limit on their authority, since they have vegetation such as red maples and poison ivy which grow everywhere and could cause more confusion. Mr. Doody thinks it may be best to discuss common and best practices in this regard and leave the language as is. Mention this as well.

At the public hearing we heard very effective testimony from an environmental attorney who brought to the Environmental Committee's attention that there are 3 cases headed to the Connecticut Supreme Court on this issue, and that the lack of a clear regulatory line has led to confusion, wasted measurements, and long time delays in developing shoreline projects. He reminded the committee that the US Supreme Court has ruled in the Borax case of the 1930s that the federal government through NOAA will be the source of tidal datum's and regulatory lines, which is exactly our point. We have the attention of the Environmental Committee now, so this is the time to reinforce our message.

If you have professional and personal knowledge of these kinds of issues, please write to the Environmental Committee of the Legislature and let them know of your experience, and urge passing of RB 1114. It would be important to write to the co chairs of the committee:

Senator Edward Meyer (Guilford area)
LOB Room 3200
Hartford, CT 06106-1591
Edward.Meyer@cga.ct.gov

Representative Richard Roy (Milford)
LOB Room 3201
Hartford, CT 06106-1591
Richard.Roy@cga.ct.gov

You can access the Environmental committee members at:

<http://www.cga.ct.gov/ENV/>

Click on the "committee membership" to get a list of members which you can email from this site.

If you are interested in this issue in general, contact Jay Doody and he will develop an updated list for future tidal committee meetings. He can be reached at 203-933-3850 or email jjdoody@snet.net.

[High Tide Line Legislation click here.](#)

The One Lot Subdivision

No this is not an oxymoron as at times a one-lot subdivision is required.

As you may know the real power in zoning is the building permit. If your lot doesn't comply with zoning no building permit will be issued. While zoning includes front yard, side yard, rear yard, lot area, impervious coverage, grading and other requirements, it also requires an approved lot. Lots predating zoning are considered lots of record and are buildable whether they are large acreage or smaller than today's zoning size.

Lots created after zoning has been established will not receive building permits unless approved. To prevent an error with one of these lots getting a permit by mistake, a local town requires a letter explaining how "this" lot complies with zoning. An approval letter for subdivision lots or a chain of title and deeds for the lot created before zoning.

Parcels can be created without zoning approval as municipal lots, conservation parcels or agricultural parcels. This is better explained in CT State Statutes Title 8 Zoning, Planning, Housing, Economic and Community Development and Human Resources, Chapter 126, Municipal Planning Commissions, and Section 18-8. (See attached)

Skipping to agricultural parcels they arise when the farmer sells off one or a number of corn fields or when "my grandmother" sells off the 3 acres of woods next to her 2 acre house lot (who says we can't grow trees). I have seen where a probate judge (1972) took a 24-acre* parcel and split it "evenly" for the 4 children. The first to build used the "original lot" permit shrunken to 6 acres in a 2-acre zone. The 2nd to build was on the first or "free cut" of the 6 acres in a 2-acre zone. My client building on the land from the estate of the 3rd child needed a one-lot subdivision. My client had no power to get any other landowner (or neighbor) to sign a subdivision application. Thus could only request a subdivision on his land or a ONE LOT SUBDIVISION.

*Yes, the survey required me to do the full 24 acres then work the parcels per the judge's order as no monuments existed within the 24 acres. There was not enough frontage to make 2 lots under zoning for my clients.

TITLE 8* Zoning, Lanning, Housing, Economic and Community Development and Human Resources

CHAPTER 126* MUNIICIPAL PLANNING COMMISSIONS

Sec. 8-18. Definitions. As used in this chapter: "Commission" means a planning commission; "municipality" includes a city, town or borough or a district establishing a planning commission under section 7-326; "subdivision" means the division of a tract or parcel of land into three or more parts or lots mad subsequent to the adoption of subdivision regulations by the commission, for the purpose, whether immediate or future, of sale or building development expressly excluding development for municipal, conservation or agricultural purposes, and includes re-subdivision; "re-subdivision" means a change in a map of an approved or recorded subdivision or re-subdivision if such change (a) affects any street layout shown on such map, (b) affects any area reserved thereon for public use or (c) diminishes the size of any lot shown thereon and creates an additional building lot, if any of the lots shown thereon have been conveyed after the approval and recording of such map; "cluster development" means a building pattern concentrating units on a particular portion of a parcel so that at least one-third of the parcel remains as open space to be used exclusively for recreational, conservation and agricultural purposes except that nothing herein shall prevent any municipality from requiring more than one-third open space in any particular cluster development; "town" and "selectmen" include district and officers of such district, respectively.

Submitted by Ken Pudeler, P.E., L.S.

Ken is a proprietor in Hartford County and was a director representing the Midstate Association of Private Practicing Surveyors (MAPPS) for many years.

In 2010 he received the Surveyor of the Year award.

National Society of Professional Surveyors Announces Results of 10th Annual Student Competition

The National Society of Professional Surveyors (NSPS) held its 10th Annual Student Competition in conjunction with the California Land Surveyor's Association (CLSA)/Nevada Association of Land Surveyors' (NALS) joint conference in Las Vegas, NV on March 7, 2011. Seven schools with baccalaureate degree programs in surveying, surveying engineering technology and/or surveying engineering participated.

Each competing team had four months to develop a project in the area of "Hydrographic Surveying"; write a 30pp. paper; prepare a wall poster; and give a 20 minute presentation at the conference. Judges for the competition were A. Wayne Harrison, President of NSPS; William Coleman, President-Elect of NSPS; Robert Dahn, Vice-President of NSPS, Carl R. CdeBaca; NSPS Area Nine Director; and Robert J. Reese, a Past President of CLSA.

Results:

First Place: Troy University,
Troy Alabama

Second Place: University of Maine,
Orono, Maine

Third Place: Oregon Institute of
Technology, Klamath Fall, Oregon

Honorable Mentions

(In alphabetical order)

California State University, Fresno;
Fresno, CA

Michigan Technological Institute;
Houghton, Michigan

New Jersey Institute of Technology;
Newark, New Jersey

University of Puerto Rico- Mayaguez;
Mayaguez, Puerto Rico



At the conclusion of the competition each team received a crystal bowl and each individual on the team received a participation ribbon and medallion in recognition of their efforts.

This year's competition was coordinated by **A. Richard Vannozi**, Assistant Professor of Civil Technology/Surveying and Mapping, Thompson School of Applied Science at the University of New Hampshire, Durham, NH and further questions can be addressed to him via email at: a.r.vannozi@unh.edu. Schools wishing to receive information regarding the 2012 competition should contact Mr. Vannozi at the above email, as well.

NSPS is the national organization representing the Land Surveying profession in the United States and has among its aims and objectives: Advancing the sciences and disciplines within the profession; supporting new practical methods of surveying; promoting public faith and confidence in the profession; encouraging high standards of ethical and professional behavior; and seeking improvements in higher education curricula for surveyors.

For more information about NSPS please contact Executive Director Curt Sumner, 6 Montgomery Village Avenue, Suite 403, Gaithersburg, MD 20879, (240) 632-9716, ext. 106, or via email: curtis.sumner@acsm.net

The National Museum of Surveying

On March 19, 2011, the National Museum of Surveying will have it's grand opening in Springfield Illinois. The trustees are grateful for the support of state organizations through out the country as well as individual donations and hope that it will continue into the future so we can preserve the past of surveying while ensuring the future of the National Museum.

The museum is displaying flags from each state association. CALS is proud to be a supporter of this great accomplishment.

For more information visit the museum website at <http://.surveyingmuseum.org/> or contact Matthew Parbs at matt.parbs@national surveyingmuseum.org.



Members Continue to Support CALS Funds

- ◆ Much appreciation goes to Tom Evans, Orange, CT, for his generous donation to the General Fund.



[Click here for March 2011 issue of NSPS News & Views](#)

Archived NSPS News & Views can be found at the NSPS website at <http://www.nspsmo.org/>

Legislative Issues Around the Country

Thanks to the diligence of Joe Codespoti, CALS has been made aware of proposed legislation out of Florida. PCB BCAS 11-01 (see the following) proposes to repeal licensing and examination requirements and penalties for a number of professions, occupations and businesses including Professional Surveyors and Mappers. This apparently was proposed as a means to deregulate creating a “friendlier” business climate. Every year there are numerous bills raised across the country, that may be of good intent are quite problematic when the impacts of their implementation is considered. With going no further than email I received this week I can cite two more examples.

House Bill 2011-H-5470 in Rhode Island would revise the General Laws pertaining to Engineering, essentially allowing engineers to perform all kinds of surveying except boundary surveying. I hear this is being proposed despite it being contradictory to the existing laws defining surveying in Rhode Island.

In Texas the governor has proposed eliminating the Board of Professional Land Surveyors. This very thing was proposed last year in Connecticut by our then governor, as a possible way to trim the budget. I think we all can see the problems that could come from having a profession licensed and regulated by people who don't understand the nuance of a profession.

Why should we care what happens outside of our own jurisdiction? We have all heard the phrase “it grows like a weed”. If a bad idea takes root elsewhere it could be embraced by legislatures in other jurisdiction. The greater our awareness of matters affecting surveying positive and negative, the better prepared we as a community will be when they arise in our own backyard. As CALS members we know first hand the importance of professionals working in concert to safeguard and improve our profession. CALS has a remarkable history as the advocate of the surveying profession in Connecticut. Having a broader, stronger collective voice can only make us better advocates.

Robert Dahn, CALS Legislative Liaison

The March 2011 newsletter for the Rhode Island Society of Professional Land Surveyors reports that 2011-H5470 (March 2, 2011) would revise the General Law to state that “Engineering surveys mean a specialty within the broader professional practice of engineering that, with the exception of boundary, right-of-way, or other cadastral surveying, includes all surveying and mapping activities required to support the sound conception, planning, design, construction, maintenance, and operation of engineering projects. Engineering surveying does not include surveys for the retracement of existing land ownership boundaries or the creation of new boundaries.”

If this bill is passed it would remove virtually all surveying from licensed professionals in that field except for boundary work and enable licensed Engineers to certify topography and various other mapping elements.

The RISPLS is well aware of the importance of this bill and is focused on its defeat but realizes it will be a challenge.

*Submitted by Jeff Stefanik, CALS Member,
CME Associates, Woodstock, CT.*

Proposed Legislation in Florida to De-Regulate Land Surveyors...

In other words “you won’t need a license to survey”

Tallahassee, Fla. – Two proposed committee bills (PCBs) that aim to deregulate business in the State of Florida today passed the House Business & Consumer Affairs Subcommittee. The first PCB (PCB BCAS 11-01) deregulates certain professions and occupations, while the second bill (PCB BCAS 11-02) reduces and streamlines current regulations. “More than 50 industries which require the licensing or registration of more than 200 businesses, professions, occupations or activities currently fall under the purview of the Business & Consumer Affairs Subcommittee alone – this amounts to nearly 2 million licenses, registrations or permits,” said Representative Esteban Bovo (R-Hialeah), chair of the House Business & Consumer Affairs Subcommittee. “Too often, these regulations are designed and implemented in a way that burdens the private sector which only serves to restrict healthy competition and impede economic growth.”

“It is urgent given the current economic climate in our state that we pursue regulatory reform that empowers Florida businesses,” said Representative Dorothy Hukill (R-Port Orange), chair of the House Economic Affairs Committee. “This legislation is vital to getting our economy back on track by eliminating obstacles for private sector growth that ultimately leads to job creation.”

PCB BCAS 11-01 proposes to repeal licensing and examination requirements and penalties for specified professions, occupations, and businesses currently regulated by the state. The PCB applies to the following professions and businesses: Athlete Agents; Auctioneers; Auctioneer Apprentices; Body Wrappers; Business Opportunities; Charitable Organizations; Community Association Managers/Firms; Condominiums and Cooperatives; Dance Studios; Employee Leasing Companies; Hair Braiders; Hair Wrappers; Health Studios; Home Inspectors; Interior Designers; Intrastate Movers; Landscape Architects; Mobile Home Lots; Mold-related Services; Motor Vehicle Repair Shops

Tallahassee, Fla. – Two proposed committee bills (PCBs) that aim to deregulate business in the State of Florida today passed the House Business & Consumer Affairs Subcommittee. The first PCB (PCB BCAS 11-01) deregulates certain professions and occupations, while the second bill (PCB BCAS 11-02) reduces and streamlines current regulations. “More than 50 industries which require the licensing or registration of more than 200 businesses, professions, occupations or activities currently fall under the purview of the Business & Consumer Affairs Subcommittee alone – this amounts to nearly 2 million licenses, registrations or permits,” said Representative Esteban Bovo (R-Hialeah), chair of the House Business & Consumer Affairs Subcommittee. “Too often, these regulations are designed and implemented in a way that burdens the private sector which only serves to restrict healthy competition and impede economic growth.”

“It is urgent given the current economic climate in our state that we pursue regulatory reform that empowers Florida businesses,” said Representative Dorothy Hukill (R-Port Orange), chair of the House Economic Affairs Committee. “This legislation is vital to getting our economy back on track by eliminating obstacles for private sector growth that ultimately leads to job creation.”

PCB BCAS 11-01 proposes to repeal licensing and examination requirements and penalties for specified professions, occupations, and businesses currently regulated by the state. The PCB applies to the following professions and businesses: Athlete Agents; Auctioneers; Auctioneer Apprentices; Body Wrappers; Business Opportunities; Charitable Organizations; Community Association Managers/Firms; Condominiums and Cooperatives; Dance Studios; Employee Leasing Companies; Hair Braiders; Hair Wrappers; Health Studios; Home Inspectors; Interior Designers; Intrastate Movers; Landscape Architects; Mobile Home Lots; Mold-related Services; Motor Vehicle Repair Shops; **Professional Geology; Professional Surveyors and Mappers**; Rooming Houses; Sellers of Travel; Talent Agents; Telemarketing; Timeshares; Yacht and Ship Brokers; Water Vending Machines; Television Tube Labeling; Sales Representative Contracts.; Rooming Houses; Sellers of Travel; Talent Agents; Telemarketing; Timeshares; Yacht and Ship Brokers; Water Vending Machines; Television Tube Labeling; Sales Representative Contracts.

UPDATE — March 23, 2011—CALs has been advised that the surveying and mapping profession has been REMOVED from the proposed committee substitute for Florida HB 5005.

Submitted by CALS Firm Member Joseph Codespoti, Codespoti & Associates, Orange, CT.

CALS Welcomes a New Sustaining Member

New York National Long-Term Care Brokers, Ltd., located in Clifton Park, NY, provides Long Term Care & Disability insurance. For more information and discounts offered to CALS members contact Brian Johnson at 800-695-8224 x154, bjohnson@nyltbh.com.

To write with a broken pencil is pointless.

When fish are in schools they sometimes take debate.

The thief who stole a calendar got twelve months.

The batteries were given out free of charge.

A dentist and a manicurist married.
They fought tooth and nail.

A boiled egg is hard to beat.

A cupuncture: a jab done well.

With her marriage, she got a new name and a dress.

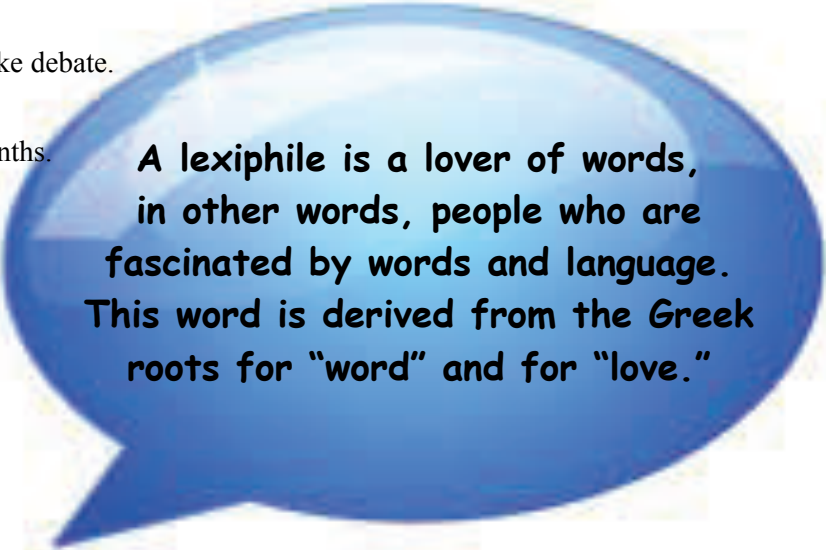
When you've seen one shopping center you've see a mall.

Police were called to a day care where a three-year-old was resisting a rest.

Did you hear about the fellow whose whole left side was cut off? He's all right now.

If you take a laptop computer for a run you could jog your memory.

He had a photographic memory which was never developed.



A lexiphile is a lover of words, in other words, people who are fascinated by words and language. This word is derived from the Greek roots for "word" and for "love."

Contributed by Reese Roberts

Classified

Seeking Position

1) Associate Member of CALS looking for full-time position. Hartford County. Eleven years experience. BS in Geography and AA in Mathematics. Skilled in AutoCAD Mapping, Eagle Point Coordinate Geometry, Trimble, Topcon, TDS, Sokkia total stations and data collectors; Leica and Trimble GPS. Excellent references. Contact the CALS office for resume #101.

2) Licensed Land Surveyor seeking employment. Extensive experience with title research, boundary surveys, topographic surveys, hydrographic surveys, construction and as-built surveys an existing conditions surveys for redesign, improvements and new design. Willing to work part time. Middlesex County. Contact the CALS office for full resume and references #105.

3) Licensed Land Surveyor seeking a management position with responsibilities for marketing services for an engineering/surveying firm, developing business with new and existing clients and project management. Twenty-five years in land surveying applications of business development for new and existing clients; project management; supervision of field and office personnel and experience in all facets of land surveying projects, large and small. Contact the CALS office for full resume and references #104.

Newly Licensed Surveyors

The CALS Board of Directors would like to congratulate the following professionals who passed the L.S. exam and will be issued licenses by the State of Connecticut. We are well aware of the hard work that went into this accomplishment and we applaud their effort.

- Mark A. Foryes, L.S., Derby, New York
- Michael P. Hayes, Danielson, Connecticut
- Valeer B. Mahon, L.S., Windsor, Connecticut
- Eric Peterson, L.S., West Hartford, Connecticut
- Michael D. Phipps, L.S., Milford, Connecticut
- Joseph P. Ruggiero, L.S., Southbury, Connecticut
- Rory Waddell, L.S., West Hartford, Connecticut
- Reginald A. Walters, L.S., Greenwich, Connecticut



They all will be invited to be our guests at the General Membership Meeting on May 5th when they will be presented with their certificates from the State of Connecticut.

NOTICE—Please send the results from "Survey USA" to Rick Howard, NSPS Board of Governors, at rick@nbyne.com so that he can tally the information and submit it to the National Committee.

Requested Data: 1) State; 2) Participants Name; 3) Description of Point Observed; 4) Length of time of Observation; 5) LAT/LONG in Degrees, Minutes and Seconds.

No Hero in 1811, Street Grid's Father Was Showered With Produce, Not Praise

By SAM ROBERTS

Published: March 20, 2011



John Randel Jr., the secretary, surveyor and chief engineer for New York City's street commissioners, was hardly the most popular public servant of his day.

Beginning in 1808, Randel and his colleagues were pelted with artichokes and cabbages; arrested by the sheriff for trespassing (and often bailed out by Richard Varick, a former mayor); sued for damages after pruning trees; and attacked by dogs sicced on them by property owners irate at the prospect of streets' being plowed through their properties ("many of whose descendants have been made rich thereby," Randel noted later).

A portrait of John Randel Jr. by an unknown artist.



Interactive Map



John Randell's field notes at the New-York Historical Society in Manhattan. Randell spent 10 years staking out the intersections he had mapped from First to 155th Street.

Michael Appleton for The New York Times

Randel had the unenviable task of meticulously drafting and executing the street grid plan for Manhattan, which, the commissioners concluded, "appeared to be the best; or, in other and more popular terms, attended with the least inconvenience."

Randel had quite a commute. Nearly every morning beginning in 1808, he would walk north from downtown, jauntily navigating a wooden plank over the ditch that cut through Lispenard's salt meadow. He would hike past [Aaron Burr's former country home at Richmond Hill](#), acknowledge Thomas Paine, a decanter of rum or brandy nearby, reading at the first-floor window of his house on what became Bleecker Street, and finally arrive at his office on Christopher Street in the village of Greenwich.

No Hero in 1811, Street Grid's Father Was Showered With Produce, Not Praise

Continued...

The surveyors fought their way through forests, shrubs and briars “impassible without the aid of an ax.”

In 1809, the Legislature authorized the surveyors to “cut down trees and do other damage” for which owners would be later compensated.

In March 1811, Randel submitted three hand-drawn manuscript surveys, each nearly nine feet long — “a work of genius,” said Thomas G. Lannon, an assistant curator of the [New York Public Library](#), which holds one of the originals. Randel spent the next 10 years staking out and marking the intersections from First Street to 155th Street with 1,549 three-foot-high marble monuments and, when the ground was too rocky, with 98 iron bolts secured by lead. (He had to resurvey 30 miles after vandals or disgruntled property owners removed the markers.) He also charted the terrain to the northern tip of Manhattan to produce his “farm map,” of 92 sheets filling four volumes that together would measure 11 by 50 feet.

Taking precise measurements with instruments he invented (a 50-foot iron ruler expands 0.0003585 feet with each degree of temperature, he concluded), he filled more than 40 leather books with field notes (the notebooks, at the [New-York Historical Society](#), also include a recipe for Irish butter). As a mathematician and future surveyor for canals and railroads, he had a vision that was usually linear.

Randel was born in Albany around 1787. Little is known about his early years, but he became a protégé of Simeon De Witt, surveyor general of New York State and one of the three street commissioners. Randel was as meticulous in his accounting as in his surveying — his notebooks include a \$12 invoice for a horse. And while another commissioner, Gouverneur Morris, described him as “being more ambitious of accuracy than profit,” he could also be prickly and litigious.

Randel was furious when the commissioners hired another surveyor, William Bridges, to publish their first engraved grid map. (Not only did Bridges’s version omit Randel’s name — which appears three times on his own map — but, Randel said, it also left out 58 structures and nipped the width of the island by 200 feet.)

Randel embellished his original map in 1814, but it was not published until 1821 because he feared that the British, who had just burned Washington, might use it to attack New York.

Four years later, he was fired as chief engineer for the Chesapeake and Delaware Canal Company. He sued for wrongful dismissal and, after being denounced by another engineer as a “lying nincompoop,” collected a staggering settlement of \$226,886.84 (more than \$5 million in today’s dollars). He and his wife bought a 1,000-acre estate in Maryland that he called Randelia.

His dreams for Manhattan were undiminished, though. In 1846, he was among the first to propose an elevated railway on Broadway (he produced a \$4,000 model weighing three tons) that would extend uptown to a new leafy suburb north of 155th Street.

Randel’s 1811 survey, though, is what put him on the map. In 1864, a year before he died, Randel recalled the grid as “the pride and boast of the city,” a blueprint that afforded “safety from conflagration, beautiful uniformity and convenience” and “greatly enhanced the value of real estate.”

A version of this article appeared in print on March 21, 2011

*Submitted by Jim Bernardo, L.S.
Waterford, CT*

SUPPORT YOUR SUSTAINING MEMBERS

AEROTECH

Aerial Photogrammetry Services
Providence, RI
David Calvi - 401-351-0600
dacalvi@aertechcorp.com

BEARINGSTAR INSURANCE GROUP

**Home, Auto & Other
Personal Insurance Needs**

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

CAMILLERI & CLARKE ASSOCIATES

Insurance Center
Wethersfield, CT
Robert D. Camilleri - 860-257-4555
rcamilleri@camillericlarke.com

DESIGN PRODUCTS, CO.

Engineering Equipment & Supplies
Newington, CT
Tim Lagosh - 860-666-8573
designproductscs@cs.com

EASTERN TOPOGRAPHICS

Aerial Photogrammetry Services
Wolfeboro, NH
Wayne Kelloway - 603-569-2400
wkelloway@e-topo.com

ENGINEERSUPPLY.COM

**Engineering & Surveying
Instruments & Supplies**
Lynchburg, VA
Rob Powell - 800-591-8907
rob@engineersupply.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
Newtown, CT
Lenny Johnson - 203-426-3322
lgjohnson@goldenaerialsurveys.com

KEYSTONE PRECISION INSTRUMENTS

**Surveying Instruments
& Supplies**
Sherman, CT
Paul Carver - (888) 443-9840
David Shirley - 888-443-9840
pcarver@keypre.com

LAFAVE, WHITE & MCGIVERN

Aerial Photogrammetry Services
Theresa, NY
Daren L. Morgan - 315-628-4414
info@lafavewhitemcgivern.com

LAND INTEGRATED USE AERIAL SURVEYS, LLC

Aerial Photogrammetry Services
Watertown, CT
Maan-Nan Liu - 860-274-5956
maanliu@yahoo.com

MAINE TECHNICAL SOURCE

**Surveying Instruments
& Supplies**
Woburn, MA
Mike Gage - 800-322-5003
mgage@maintechnical.com

MICRODESK, INC.

**Civil Engineering &
Surveying Software**
Nashua, NH
Robin Adams - 800-336-3375
radams@microdesk.com

MW FINANCIAL GROUP

Long Term Care & Disability
Farmington, CT
John Carbone - 860-677-2600 x129
john_carbone@mwfinancial.com

NEW YORK NATIONAL

**LONG-TERM CARE
BROKERS, LTD.**
Long Term Care & Disability
Clifton Park, NY
Brian Johnson - 800-695-8224 x154
bjohnson@nyltbh.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 Jiatonio - 888-852-7377
mjiantonio@superiornetwork.com

TRIMBLE NAVIGATION

**Surveying Instruments
& Supplies**
Westminster, CO
Kelly Liberi - 720-587-4606
kelly_Liberi@trimble.com

WADDELL & REED

Financial Services
Hartford, CT
Matt Peak - 860-424-0004 x118
peak@wradvisors.com

**NEW
SUSTAINING
MEMBER**