



The Florida Surveyor

Volume XXVII, Issue 4

April 2019

**FSMS Pioneers:
Edwina “Byni” Polk**
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The Florida Surveyor is an official publication of the Florida Surveying and Mapping Society, Inc. (FSMS) and is published for the purpose of communicating with the membership. The newsletter is financed primarily by the dues of the membership although advertisements are welcome from service and product industries relating to the needs and activities of the profession. Articles and advertising appearing in this publication are not necessarily the official policy of this Society unless specifically stated. FSMS assumes no responsibility for statements expressed in this publication. The Florida Surveyor welcomes contributions from members. Mail correspondence to Administrative Office. Copy all quoted material as it appears in the original. Give credit to the source from which you are quoting. Emailed ads are acceptable. Please send Adobe files, eps, pdf or tif files.

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President's Message



It's already April and the time seems to be flying by this year. I know everyone is busy, and that is certainly a good thing for all of us.

In 1984, President Ronald Reagan signed the first Presidential Proclamation recognizing National Surveyors Week. This Proclamation asked citizens to observe this week with appropriate ceremonies and activities to pay tribute to professional surveyors and their contributions to society. This year, we celebrated it the week of March 17th – 23rd. We were grateful to receive the State of Florida Resolution announcing Florida Surveyors & Mappers Week at the Florida Cabinet meeting on March 12th. Tom Steckler, Don Elder and I attended to represent FSMS, and we enjoyed meeting Governor DeSantis and Commissioner Fried.

I want to congratulate all the chapters who went through the effort to obtain Proclamations from their local cities and counties. If you haven't already, please email those to the administrative office in Tallahassee, so that we have them on record. By the way - did you know there is a Global Surveyors Day? I didn't, but I learned just recently that it was celebrated on March 21st. Who knew?

Don Elder and I attended the 3rd International Congress of Land Surveying, Cadaster, and Geospatial Sciences hosted by the Association of Land Surveyors of Puerto Rico in San Juan on March 15th and 16th. This was a great opportunity to visit Puerto Rico and establish dialogue with a wonderful group of professionals. The group has been led this past year by Agrim. Ruth L. Trujillo Rodriguez, PS and will be led next year by Agrim. Carlos R. Fournier Morales, PS, the incoming President. I was very impressed by both of these young professionals. They are bright, talented individuals who are passionate about Puerto Rico and our profession.

Ms. Trujillo was selected by FIG to participate in their FIG Working Week in Hanoi, Vietnam later this month. Mr. Fournier is very enthusiastic about the future of their association and looks forward to addressing the challenges of working on the island and serving their communities. Mr. Fournier is also licensed in Florida. We have invited both of these professionals to attend our conference in July. If they are able to attend, please take the opportunity to speak with and get to know them. I know you will make them feel welcome as they did for Don and me. We are excited to establish a collaborative partnership with our Puerto Rican colleagues.

If you have not yet joined FSMS, or renewed your membership, please take the time to do that today. All Chapter Presidents should have received an email on March 11th with links to their chapter rosters, which also includes inactive members that have not yet renewed. These links will be maintained and updated in real time for your use. Sometimes, it's the personal touch of a phone call that can encourage and remind our fellow professionals to lend their support to our Society. Speaking of which - our technical staffs should join as Associate members. They have a great deal of valuable input into the issues that we as a Society should be discussing.

For those of you that have renewed or joined FSMS for 2019, you should have received notice of your NSPS membership as well. I would encourage you to visit and login to the NSPS website and review the Benefits of Membership page, as well as print out your membership card.

Our Annual Conference is July 24th - 27th at the Caribe Royale in Orlando. The full schedule and registration will be available soon and you can already make your hotel reservations. The Board of Professional Surveyors and Mappers will be meeting at the Caribe on July 23rd, which means it's another opportunity to observe and participate in our Regulatory Board meeting. See you there!

"Individual commitment to a group effort -- that is what makes a team work, a company work, a society work, a civilization work." – Vince Lombardi

Dianne Collins
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ANNUAL 64th FSMS



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A variety of sponsorship opportunities are available to fit any budget. As a sponsor, your company name and logo will be listed on FSMS.org, in the Conference Program Book, and in our monthly publication, *The Florida Surveyor*.



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Surveyors in Government



Richard Allen, PSM, CFM

We are inching closer to summer and the heat will be here before we know it. I always take this time to remind everyone that we need to be thinking about safety training. This includes heat exhaustion and other areas of safety, so our staff members are trained and ready for what the weather and motorists may bring. I know some of the training is repetitive, but it is beneficial and worth it.

Orlando is very fortunate to have an extensive in-house safety and training staff that make up our Risk Management Division. Not only do they provide safety training, but they also do training assessments and conduct routine safety inspections to ensure staff members are following the City of Orlando Safety Plan. I know this may not be easy for smaller agencies or agencies with limited staff and funding resources. However, I was reminded recently by our Risk Management Division Manager that the money put into safety training, safety technology, and follow-up inspections generally pays for itself and helps minimize loss accrued through worker's comp claims and civil litigation. Just some food for thought!

Safety should be everyone's priority. Another area of focus will be the provisions in Florida Statutes Chapter 177 parts I-III. I know I have brought this up in past articles, but there will be movement in the next few months. Initial discussions will begin in the next few weeks. Thanks to Bill Muscatello, the Orange County Surveyor, for getting the ball rolling. We will work with as many government surveyors as we can, and work to involve the private sector as well, so the subdivision process protects the public and does not lead to further confusion or issues. Times have changed and updates are needed, but the parts that work need to be retained. This process needs to be transparent and

“However, I was reminded recently by our Risk Management Division Manager that the money put into safety training, safety technology, and follow-up inspections generally pays for itself and helps minimize loss accrued through worker’s comp claims and civil litigation.”

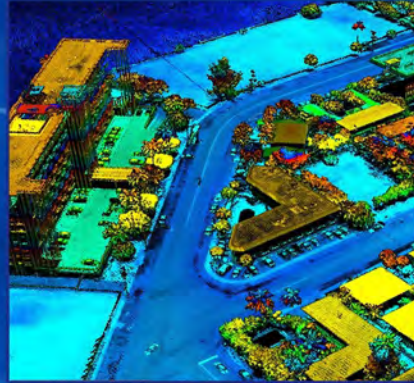
careful consideration must be given to any proposed changes.

In the next week or two, I will confirm the contact information of the government surveyors that I have been working with. In establishing correspondence, I hope to have a regular line of communication regarding the process and allow for feedback with the process. I know that not everyone will be happy with every decision made, but through consensus we will hopefully produce something that will be beneficial for all.

*You can reach Richard at
Richard.Allen@cityoforlando.net or 407.246.2788*

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FSMS Pioneers

A series that honors the legends of surveying in the state of Florida

By Dominic Levings

Edwina “Byni” Polk

With resolve and kindness, Polk overcame barriers as a female surveyor in a different era

In the lobby of the Florida Surveying & Mapping Society office in Tallahassee, just to the left of the doorway, a large picture has hung on the wall since 1998. A wooden frame surrounds a portrait of an elderly woman, looking out from behind giant metal-rimmed glasses. The plaque beneath the picture reads: Edwina “Byni” Polk, Florida’s First Lady of Surveying.

Born on January 30th, 1921, in Lakeland, Florida, Byni Polk was a trailblazer for women in the surveying and engineering professions. Sixty-one years ago, in February 1958, she became the first female licensed surveyor in the State of Florida, PLS #1332.

Polk is best known for her 26-year stint with the Polk County Engineering Department from 1963-1989, in which she started as a draftsman, became the de-facto county surveyor, and eventually obtained the title of assistant county engineer.

Polk passed away in August 2002, at 81 years old. She died peacefully in her home in Lakeland, a house that her grandfather built in the 1920s. She lived in the same house her entire life.

She is remembered as an incredibly intelligent woman, who had a gift for mathematics and a straight-shooting personality. Many who knew her say they’ve never met anyone else like her.

“She was the total package. She was professional. She was the mentor, the teacher. She was brilliant, charming – you can’t say enough things about her,” said Jack Breed, who worked for Polk in the 1980s.

Choosing A Different Route

Polk attended Florida Southern College and graduated in 1942 with degrees in mathematics and chemistry. She finished college just six months after the United States

entered World War II.

She was offered a scholarship to attend graduate school, but she decided to join the war effort instead. Because of her mathematical prowess, both the Army and Navy recruited her. She chose to join the Navy because she would be based in Charleston, South Carolina, which was much closer to home than the Army base in Colorado.

Polk’s chief duty was to calibrate guns on American and British battleships. It was during this time that she would first encounter sexism and discrimination in a professional setting.

She once recalled that when she started with the Navy, she was assigned to assist another man, even though they were qualified to do the same exact work. They had the same education, and unsurprisingly, he was paid more.

Some captains did not want her to



Byni Polk, circa 1998. This picture is framed in the FSMS office.

board their ships at all. But when they were told by base officers that she was the woman for the job, and that she would make their guns shoot straight, they relented.

“It was one of the things she was admired for. At that time, a woman going on a ship to calibrate a gun... you looked at it askew,” said John Clyatt, who also worked with Polk in the 1980s.

After the war, Polk returned to Lakeland and taught high school math for a year. She then held various design and drafting positions, including private sector stints with Lakeland Engineering Associates and IMC-Agrico.

It was during this time that she met her eventual husband, Virgil “Ike” Polk, at Dixieland Baptist Church. He worked for the State Road Department, and they were married in 1949.

It was because of her husband that Byni eventually became a licensed surveyor, but in a rather roundabout way.

The young couple realized that Ike would have to obtain his survey license to further his career. The problem was, he wasn’t very good at math. And so, Byni had to teach

him.

“I undertook to teach it to him. I had to learn about surveying. I got interested,” Polk said in a 1998 interview. “By the time he was ready for the exam, I could have taken it too.”

And in late 1957, Polk would do just that. When she took the survey exam, the men administering the test were surprised to see a woman walk in.

“I was the only woman taking the test,” she recalled. “All of the men just stared.”

Polk’s physical stature surely also played a role in the men’s astonishment. She was not only a woman, but an extremely diminutive one.

“She couldn’t have weighed 90 pounds sopping wet. She was a little bitty, tiny woman,” Breed recalled.

But Larry Sharp, who worked for Ike at the State Road Department, says she was perfectly equipped for that sort of situation.

“They didn’t expect to see her. Especially a woman who was smarter at mathematics than they were,” Sharp said. “What helped her was ability and personality.”

After receiving her license, Polk wasn’t just known as Florida’s first female land surveyor. Because Ike also had a surveying license, the couple was dubbed “Florida’s First Couple of Surveying”.

The Polk County Engineering Department

Polk began working for the Polk County Engineering Department in 1963. At first, she designed drainage systems and bridges, and led an effort to catalogue all 4,900 roads in Polk County.

In 1976, after being named Assistant County Engineer, she led the production, design, and drafting departments. She also oversaw right-of-way acquisitions and made recommendations regarding road closures to the County Commission.

Former employees and others who worked with Polk say that her malleable personality allowed her to garner respect and lead effectively. She had the ability to be stern and direct, as well as generous and kind. But regardless of which style was being employed, she was always just trying to solve problems.

“She would just talk to you if something was done wrong. She was a person who worked through problems,” said Bill Hinkle, who began working with Polk in 1979.

David Rivers, who was a right-of-way agent for the county, remembered that Polk was always one to tell it like it was.

“She was just a splendid woman to work with,” Rivers recalled in 1998. “As tiny as she was, she was very potent with words.”

Polk, of course, was aware of her reputation that she could occasion-



Polk at the Initial Point Monument in Tallahassee.



Polk with former Department of Transportation Secretary Tom Barry.

ally be a “spitfire”, as former drainage engineer Joel Johnson put it. She recalled that a co-worker once told someone else that “she might look like somebody’s grandmother, but don’t let that fool you.”

Breed remembers one time when he and Polk were reviewing a mylar he had recently completed.

“Jack, hunny, you’ve got an error on this plat,” Breed remembers Polk as saying.

However, the plat had already been signed and sealed. It was the final document, and the county commissioners had signed it.

This, evidently, didn’t deter Polk. She pulled out a pen and fixed the plat, right there.

“She flat out altered a public document because she knew what was right and wrong,” Breed said.

As Breed found out, Polk’s expan-

sive knowledge and her incredible memory were of legendary status to those who worked with her.

“She knows everything there is to know about this county, and most of it is probably not written down anyplace,” said Polk County Attorney Irvin Cowie in 1989.

Polk was a mentor to nearly everyone to worked for her, fostering interest in the profession and using every opportunity to teach. Breed remembers that she genuinely cared about people and wanted to know you.

“She wasn’t just a bureaucrat doing her job, she wanted to know who you were, and she paid attention to the people around her,” Breed said.

FSMS President Dianne Collins views Polk as a role model in the profession. In 1981, Collins was only the fifth or sixth woman to receive her surveying license in Florida - a full 23 years after Polk

became the first.

Collins, who lives in Lakeland, first met Polk in the early 1970s and formed a working relationship with her over the years. Polk agreed to be a reference for Collins when she applied to take the licensure exam.

“She was easy to work with, respectful, and dedicated to her work at the county,” Collins remembers.

However, everyone has their limits, and it seems mentoring was about as far as Polk would go for those she worked with. And John Clyatt knows this firsthand.

Polk contacted Clyatt in 1985 when he was living in Pensacola. She told him that he should come home and take an open surveying position with Pickett & Associates.

Polk was good friends with Clyatt’s parents, and Clyatt suspected that his mom asked Polk to contact him about the job, so that he would move back home. Clyatt would eventually agree and moved back home to Bartow.

“I spent quite a bit of time going back and forth to the county, asking her things about county rules and regulations. She was always very gracious and helpful,” Clyatt recalled.

Until one day, when Clyatt walked into her office again seeking help. Polk looked up from her desk and didn’t hold back.

“John, I’m real glad you’re back home, but I didn’t take you to raise,” Polk said bluntly.

Despite Polk’s refusal to “raise” him, Clyatt eventually became the President of Pickett, a feat which was in part possible because of Polk’s willingness to contact him.

“I’ve always been very appreciative of her thinking about me and reaching out and getting me to where I was,” Clyatt said.

Despite her encyclopedic knowledge, her role as a mentor, and her one-of-a-kind personality, Polk is perhaps most remembered for something else during her 26-year career with Polk County.

Byni Polk was a prolific baker.

At her baking apex, she baked a cake for every single employee in the engineering department on their birthday, which added up to over 60 cakes per year. She would also bake over 6,000 cookies every year around Christmastime, which were distributed to her employees, her husband's employees at the State Road Department, and other friends and family.

Over her 26-year career, she estimated she baked over 1,000 cakes, and well over 50,000 cookies.

"I was very impressed with what she would do for employees. She baked a cake personally, it wasn't



Polk and other FSMS members at the Florida Capitol in Tallahassee.

bought. And sometimes we'd get three cakes in one week," Hinkle recalled.

"It's incredible to take the time to do that. That's what impressed me the most, is that someone took the time to do that for those that worked for them."

thirteen years after her mom.

In 1998, 40 years after she became the first registered female land surveyor in Florida, the Ridge Chapter of FSMS decided to formally honor Polk. Hinkle led the recognition efforts along with Sharp, who was the Chapter President at the time.

Retirement and Recognition

Polk retired from the Polk County Engineering Department in August of 1989, when she was 68 years old. Unsurprisingly, her retirement was followed by a chorus of appraising headlines from local newspapers.

"Human Archive Retires", read a headline in The Tampa Tribune.

"County Worker Leaves Legacy of Knowledge, Cakes" read another headline in Lakeland's newspaper, The Ledger.

In retirement, Polk spent much of her time listening to classical music and studying English history, her two favorite pursuits. She also took care of her family's two Arabian horses and cats.

Ike was diagnosed with bladder cancer in 1977 and battled it periodically until passing away in 1994. They had one daughter, Edith, who was an author. She passed away in 2015,

"We moved along pretty fast with it," Hinkle recalled. "It was pretty exciting to learn her history, to collect all of the stuff written about her."


On January 20th, 1998, the chapter hosted a special ceremony for Polk at the Huntington Hills Country Club in Lakeland. The night was billed as "A Tribute to Florida's First Lady of Surveying."

The evening featured a social hour, a seated dinner, and a program that included several speakers. The Polk County Commission also declared January 20th as a day in her honor.

In the run-up to the ceremony, the local Fox News station interviewed Polk in her home for a Fox Network series titled "Fox Folks". The segment aired across the Tampa Bay area and was eventually syndicated across the country.

In early March 1998, thanks to further efforts by the Ridge Chapter,

POLK, Edwina Rowand, b. 30 Jan. 1921, Lakeland, Florida, USA. Surveyor-Engineer. m. V. I. Polk, 2 Jan. 1949, 1 daughter. Education: BS in Maths, Florida Southern College, 1942; Post-grad, The Citadel, 1943; Registered Land Surveyor, 1958. Appointments: Draughtsman, US Navy, Charleston, South Carolina, 1942-45; Teacher, Brandon High School (Maths), 1945-46; Draughtsman, Food Mach., Lakeland, 1946-49; Draughtsman-Designer, 1949-63; Design, Polk County Bartown, Florida, 1963-76; Assistant County Engineer, 1976-; Teacher and Member of Tech Com., Polk Com. College, 1966-69. Memberships: American Association of University Women; Florida Society of Professional Land Surveyors; Ridge Chapter, Secretary, 1980. Hobbies: Antiques; History; Cooking; Music. Address: 302 Ariana Street, Lakeland, FL 33803, USA.



Polk's bio in the 9th edition of The World Who's Who of Women.



Polk with the Florida Cabinet. Governor Lawton Chiles is handing her the resolution.

Polk traveled to Tallahassee to be honored again. On March 9th, her portrait and a scholarship were dedicated in her name at the FSMS Administrative Office.

The next day, she was honored by the State Legislature at the Capitol. In the Florida Cabinet meeting room, Polk was presented with a special resolution recognizing her as Florida's First Lady of Surveying. The resolution was presented by Governor Lawton Chiles and the rest of the Florida Cabinet.

Remembering Byni

At the end of her career and her life, Polk suffered from severe arthritis in her hands, which left them misshapen. But she didn't let it slow her down.

"She had crippling arthritis in her hands, yet she persevered and still

had meticulous handwriting," Clyatt recalled.

The pain was so debilitating that when baking cakes, she had to use a nut-cracker with both hands just to turn the knob on her stove clock.

In many ways, this gritty determination illustrates why Byni Polk found herself being honored by the Florida State Legislature in March of 1998.

"She had gumption. She didn't give up. She was a very nice person and that was a big factor in making her very successful, because people very quickly respected her," Sharp said.

Breed identifies one personality trait in particular when speaking about the obstacles Polk had to overcome early on in her career.

"She overcame them all with grace," Breed said. "She was just a graceful lady."

Her grace and tenacity allowed her to forge ahead as a woman in a man's field, carving out a path for future female surveyors and engineers. She simply wouldn't accept a lesser role just because she was a woman.

"I had one boss who told me I was the best in the office, but that I wouldn't go any higher because I was a woman," Polk said in 1989. "I quit."

Her trailblazing career even landed her a spot in the 1985 edition of "The World Who's Who of Women" encyclopedia.

But Polk often downplayed her role as a woman pioneer, never wanting to bask in the spotlight of her accomplishments.

"I haven't done anything women don't do now," Polk stated in 1989. "I just did it earlier. As my daughter says, I was a woman's libber before there was such a thing."

Regardless of her reluctance to be acknowledged as an icon in the profession, those who knew Byni Polk will always know differently.

"She was good to work for and always fair," Hinkle recalled.

"She was a good lady, definitely. A great lady, I would say."

And it's certainly hard to argue with that.

Sources listed on page 34.



The Ridge Chapter hosted "A Tribute To Florida's First Lady of Surveying" on January 20th, 1998.

National Surveyors Week

March 17-23, 2019

State Of Florida

RESOLUTION

WHEREAS, surveyors and mappers are counted among the founding leaders of our country and were instrumental in the formation of the layout of property boundaries in the United States which have provided our citizens the enjoyment of property ownership; and

WHEREAS, George Washington, Thomas Jefferson and other former Presidents of the United States, served their fellow colonists as surveyors; and

WHEREAS, the citizens of Florida recognize the valuable contributions of the surveying and mapping profession to history, development, and quality of life in Florida and the United States of America and make important decisions based on the knowledge and expertise of licensed surveyors and mappers; and

WHEREAS, the surveying and mapping profession requires special education, training, the knowledge of mathematics, the related physical and applied sciences, and requirements of law for evidence; and

WHEREAS, surveyors and mappers are uniquely qualified and licensed to determine and describe land and water boundaries for the management of natural resources and protection of private and public property rights; and

WHEREAS, the continual advancements in instrumentation have required the surveyor and mapper not only to be able to understand and implement the methods of the past, but also to learn and employ modern technology in finding solutions to meet the challenges of the future.

NOW, THEREFORE, BE IT RESOLVED that in conjunction with National Surveyors Week, the Governor and Cabinet of the State of Florida do hereby proclaim the week of March 17-23, 2019, as

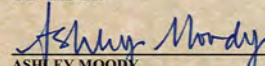
FLORIDA SURVEYORS & MAPPERS WEEK

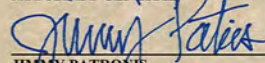
and recognize the many contributions and the ongoing dedication of surveyors and mappers to the citizens of Florida and the United States.

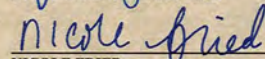
IN TESTIMONY WHEREOF the Governor and the Cabinet of the State of Florida have hereunto subscribed their names and have caused the Official Seal of the State of Florida to be hereunto affixed in the City of Tallahassee on this 12th day of March, 2019




RON DESANTIS
GOVERNOR


ASHLEY MOODY
ATTORNEY GENERAL


JIMMY PATRONIS
CHIEF FINANCIAL OFFICER


NICOLE FRIED
COMMISSIONER OF AGRICULTURE

Local Proclamations



Charlotte County Florida
PROCLAMATION

WHEREAS land surveyors are among the founding leaders of our country, playing an instrumental role in forming the layout of property boundaries throughout the United States, thereby providing our citizens the enjoyment of property ownership, George Washington, Thomas Jefferson, and other former Presidents of the United States served their fellow colonists as surveyors; and

WHEREAS the citizens of Florida recognize the valuable contributions of the surveying and mapping profession to the history, development, and quality of life in Florida and the United States of America; and

WHEREAS the surveying and mapping profession requires special education and training, knowledge of mathematics, related physical and applied sciences, and knowledge of requirements of law for evidence, and surveyors and mappers are uniquely qualified and licensed to determine and describe land and water boundaries for the management of natural resources and protection of private and public property rights; and

WHEREAS continuing advancements in instrumentation require that surveyors and mappers not only understand and implement the methods of the past, but also learn and employ modern technology in finding solutions to meet the challenges of the future.

NOW, THEREFORE, BE IT PROCLAIMED that March 17, 2019 through March 23, 2019 shall be known in all of Charlotte County as

Florida Surveyors and Mappers Week,
 and all citizens and businesses are encouraged to recognize the many contributions and ongoing dedication of surveyors and mappers to the citizens of Florida and the United States.

PASSED AND DULY ADOPTED this 12th day of March 2019.

BOARD OF COUNTY COMMISSIONERS
 OF CHARLOTTE COUNTY, FLORIDA

ATTEST:
 Roger D. Eaton, Clerk of Circuit Court and Ex-officio Clerk to the Board of County Commissioners

By: *Kelvin W. Doherty*
 Kelvin W. Doherty, Chairman

APPROVED AS TO FORM:
 Raymond J. Sarnecko, County Administrator

Charlotte County



Proclamation
 Board of County Commissioners
 Manatee County, Florida

WHEREAS, the honorable and historic profession of surveying has been an intricate part of civilizations that dates back to the "rope stretchers" of ancient Egypt. From the Roman Empire and into modern society, the surveyor has been an essential part of man's development and instrumental in the formation of the layout of property boundaries in the United States, which has in turn provided our citizens the means of the wealth and enjoyment of property ownership; and

WHEREAS, George Washington, Thomas Jefferson, and other former Presidents and Statesmen of the United States served their fellow colonists and pioneers as surveyors, contributing to the historical mapping of America in its early years as curators of the Public Land System; and

WHEREAS, the citizens of Florida recognize the valuable contributions of the surveying and mapping profession to history, development, and quality of life in Florida and the United States of America and make important decisions based on the knowledge and expertise of licensed surveyors and mappers; and

WHEREAS, the surveying and mapping profession requires specific education, special training, intimate knowledge of mathematics, the related physical and applied sciences, and a deep understanding of the requirements of law for evidence; and

WHEREAS, surveyors and mappers are uniquely qualified and licensed to determine and describe land and water boundaries for the management of natural resources and protection of private and public property rights along with the future economic growth of the State and Nation; and

WHEREAS, the continual advancements in science, automation, and the challenges of our ever-changing world have required the surveyor and mapper not only to be able to understand and implement the methods of the past, but also to learn and employ modern technology in finding solutions to meet the challenges of the future.

NOW, THEREFORE, BE IT PROCLAIMED by the Board of County Commissioners of Manatee County, Florida, that March 17-23, 2019, shall be known, designated, and set aside as

FLORIDA SURVEYORS AND MAPPERS WEEK
 in Manatee County, Florida, recognizing the many contributions and the ongoing dedication of Surveyors and Mappers to the citizens of Florida and the United States.

ADOPTED with a quorum present and voting this 12th day of March 2019.

BOARD OF COUNTY COMMISSIONERS
 MANATEE COUNTY, FLORIDA

By: *Stephan R. Johnson*
 Stephan R. Johnson, Chairman

ATTEST: *Angelina Colonese*
 Clerk of the Circuit Court

Manatee County



THE CITY OF SARASOTA
Proclamation

WHEREAS, surveying has been an essential element in the development of the human environment since the dawn of recorded history and is instrumental in the definition of legal boundaries for land ownership as well as the planning and execution of nearly every form of construction with its most familiar uses in the field of transportation, land development, communications, energy delivery and mapping; and

WHEREAS, surveyors and mappers are counted among the founding leaders of our country including George Washington, Thomas Jefferson, Abraham Lincoln, among many others and were instrumental in the formation of the layout of property boundaries in the United States which have provided our citizens the enjoyment of property ownership; and

WHEREAS, the surveying and mapping profession requires special education and training including the knowledge of mathematics, trigonometry and geometry as well as the related physical and applied sciences tempered by the requirements of law for evidence and possession; and

WHEREAS, surveyors and mappers are uniquely qualified and licensed to determine and describe land and water boundaries for the management of natural resources and protection of private and public property rights.

NOW, THEREFORE, the City Commission of the City of Sarasota, Florida, and on behalf of the citizens of our community, takes great pride in recognizing March 17-23, 2019 as

"Florida Surveyors and Mappers Week"
 a week of special importance and worthy of the recognition of the citizens of the City of Sarasota.

By: *Ed Albert Mayes*
 Ed Albert Mayes, Mayor

By: *Willie Charles Shaw*
 Willie Charles Shaw, Commissioner

By: *Harsh Bobby*
 Harsh Bobby, Commissioner

By: *Shayla Griggs*
 Shayla Griggs, Interim City Auditor and Clerk

ATTEST: *Shayla Griggs*
 Shayla Griggs, Interim City Auditor and Clerk

City of Sarasota



RESOLUTION
 A RESOLUTION PROCLAIMING THE WEEK OF MARCH 17-23, 2019 AS
 "NATIONAL SURVEYORS WEEK" IN ST. LUCIE COUNTY, FLORIDA

WHEREAS, the Board of County Commissioners of St. Lucie County, Florida, has made the following determinations:

1. Land Surveyors are counted among the founding leaders of our country and were instrumental in the formation of the layout of property boundaries in the United States, providing our citizens the opportunity to enjoy the American dream of property ownership.
2. United States Presidents George Washington, Thomas Jefferson, John Adams and Abraham Lincoln all served as surveyors, contributing to the historical mapping of America in its early years.
3. The surveying profession requires special education, training, knowledge of mathematics, the related physical and applied sciences, and requirements of law for evidence.
4. Surveyors are uniquely qualified and licensed to determine and describe land and water boundaries for the management of natural resources and protection of private and public property rights.
5. The continual advancements in instrumentation have required the surveyor to not only be able to understand and implement the methods of the past, but also to learn and employ modern technology in finding solutions to meet the challenges of time.
6. The citizens of St. Lucie County, Florida recognize the valuable contributions of the surveying profession to history, development, and quality of life throughout our country, and make important decisions based on the knowledge and expertise of licensed surveyors and mappers.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of St. Lucie County, Florida:

1. This Board does hereby proclaim the week of March 17-23, 2019 as "NATIONAL SURVEYORS WEEK" in St. Lucie County, Florida.
2. This Board encourages all citizens to recognize the many contributions and the ongoing dedication of surveyors to our community and throughout the United States.

PASSED AND DULY ADOPTED this 19th day of March 2019.

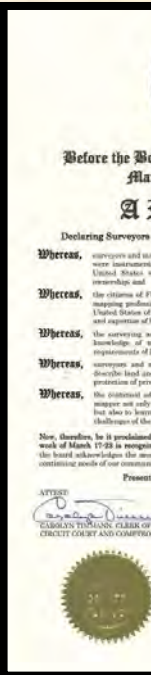
ATTEST:
 Deputy Clerk

BOARD OF COUNTY COMMISSIONERS
 ST. LUCIE COUNTY, FLORIDA

By: *Debra Ford*
 Debra Ford, Chair

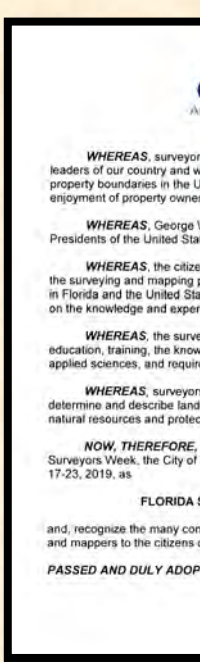
APPROVED AS TO LEGAL FORM AND CORRECTNESS:
 County Attorney

St. Lucie County



Before the B...
 Fla...
 Declaring Surveyors...
WHEREAS, surveyors and mappers are counted among the founding leaders of our country and were instrumental in the formation of the layout of property boundaries in the United States which have provided our citizens the enjoyment of property ownership; and

Ma...



WHEREAS, surveyors and mappers are counted among the founding leaders of our country and were instrumental in the formation of the layout of property boundaries in the United States which have provided our citizens the enjoyment of property ownership; and

WHEREAS, the citizens of Florida recognize the valuable contributions of the surveying and mapping profession to history, development, and quality of life throughout our country, and make important decisions based on the knowledge and expertise of licensed surveyors and mappers.


NOW, THEREFORE, the City Commission of the City of Sarasota, Florida, and on behalf of the citizens of our community, takes great pride in recognizing March 17-23, 2019 as

"Florida Surveyors and Mappers Week"
 a week of special importance and worthy of the recognition of the citizens of the City of Sarasota.

ATTEST: *Shayla Griggs*
 Shayla Griggs, Interim City Auditor and Clerk

Cit...

Proclamations



**Board of County Commissioners
Martin County, Florida**

Proclamation

and Mappers Week in Martin County, Florida

WHEREAS, surveyors are counted among the founding leaders of our country and were instrumental in the formation of the layout of property boundaries in the United States which have provided our citizens the enjoyment of property ownership; and

WHEREAS, George Washington, Thomas Jefferson, and other former Presidents of the United States, served their fellow colonists as surveyors; and

WHEREAS, the citizens of Florida recognize the valuable contributions of the surveying and mapping profession to history, development, and quality of life in Florida and the United States of America and make important decisions based on the knowledge and expertise of licensed surveyors and mappers; and

WHEREAS, the surveying and mapping profession requires special education, training, the knowledge of mathematics, the related physical and applied sciences, and requirements of law for evidence; and

WHEREAS, surveyors and mappers are uniquely qualified and licensed to determine and describe land and water boundaries for the management of natural resources and protection of private and public property rights; and

WHEREAS, the continued advancements in instrumentation have required the surveyor and mapper not only to be able to understand and implement the methods of the past, but also to learn and employ modern technology in finding solutions to meet the challenges of the future.

NOW, THEREFORE, BE IT PROCLAIMED that in conjunction with National Surveyors & Mappers Week, the Board of County Commissioners of Martin County, Florida, do hereby proclaim the week of March 17-23, 2019, as "Florida Surveyors and Mappers Week" in Martin County, Florida.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the seal of the City of Martin County, Florida, to be affixed this 20th day of March, 2019.

Troy W. Singer
Troy W. Singer
Mayor, City of Tavares

City of Tavares

Proclamation

CITY OF ORLANDO - OFFICE OF THE MAYOR

WHEREAS, surveyors and mappers are counted among the founding leaders of our country and were instrumental in the formation of the layout of property boundaries in the United States, which have provided our citizens the enjoyment of property ownership; and

WHEREAS, George Washington, Thomas Jefferson, and other former Presidents of the United States, served their fellow colonists as surveyors; and

WHEREAS, the citizens of Florida recognize the valuable contributions of the surveying and mapping profession to history, development, and quality of life in Florida and the United States of America and make important decisions based on the knowledge and expertise of licensed surveyors and mappers; and

WHEREAS, the surveying and mapping profession requires special education, training, the knowledge of mathematics, the related physical and applied sciences, and requirements of law for evidence; and

WHEREAS, surveyors and mappers are uniquely qualified and licensed to determine and describe land and water boundaries for the management of natural resources and protection of private and public property rights; and


WHEREAS, the continued advancements in instrumentation have required the surveyor and mapper not only to be able to understand and implement the methods of the past, but also to learn and employ modern technology in finding solutions to meet the challenges of the future.

NOW, THEREFORE, BE IT PROCLAIMED that in conjunction with National Surveyors & Mappers Week, the City of Orlando, Florida, do hereby proclaim the week of March 17-23, 2019, as "Florida Surveyors and Mappers Week" in the City of Orlando.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Seal of the City of Orlando to be affixed this 17th day of March, 2019.

Sally Krigbaum
Sally Krigbaum
City Clerk

City of Orlando



PROCLAMATION

PINELLAS COUNTY BOARD OF COUNTY COMMISSIONERS

FLORIDA SURVEYORS & MAPPERS WEEK

WHEREAS, surveyors and mappers are counted among the founding leaders of our country and were instrumental in the formation of the layout of property boundaries in the United States which have provided our citizens the enjoyment of property ownership; and

WHEREAS, George Washington, Thomas Jefferson, and other former Presidents of the United States, served their fellow colonists as surveyors; and

WHEREAS, the citizens of Pinellas County recognize the valuable contributions of the surveying and mapping profession to history, development, and quality of life in Florida and the United States of America and make important decisions based on the knowledge and expertise of licensed surveyors and mappers; and

WHEREAS, The Florida Surveying and Mapping Society's Tampa Bay Chapter and at least one hundred Florida Licensed Professional Surveyors and Mappers and thirty-two Florida Licensed Surveying and Mapping Businesses are located in Pinellas County; and

WHEREAS, the surveying and mapping profession requires special education, training, the knowledge of mathematics, the related physical and applied sciences, and requirements of law for evidence; and

WHEREAS, surveyors and mappers are uniquely qualified and licensed to determine and describe land and water boundaries for the management of natural resources and protection of private and public property rights; and


WHEREAS, the continued advancements in instrumentation have required the surveyor and mapper not only to be able to understand and implement the methods of the past, but also to learn and employ modern technology in finding solutions to meet the challenges of the future.

NOW, THEREFORE, BE IT PROCLAIMED that in conjunction with National Surveyors & Mappers Week, the Board of County Commissioners of Pinellas County, Florida, do hereby proclaim the week of March 17-23, 2019, as "Florida Surveyors & Mappers Week" in Pinellas County, Florida.

IN WITNESS WHEREOF, we have set our hands and caused the seal of Pinellas County, Florida, to be affixed this 20th day of February, 2019.

Karen Williams Seel Karen Williams Seel, Chair
Pat Gerard Pat Gerard, Vice Chair
Dave Eggers Dave Eggers, Commissioner
Charlie Justice Charlie Justice, Commissioner
Kenneth T. Welch Kenneth T. Welch, Commissioner
Kathleen Peters Kathleen Peters, Commissioner

Pinellas County



PROCLAMATION

Florida Surveyors & Mappers Week

WHEREAS, surveyors and mappers are counted among the founding leaders of our country and were instrumental in the formation of the layout of property boundaries in the United States which have provided our citizens the enjoyment of property ownership; and

WHEREAS, George Washington, Thomas Jefferson, and other former Presidents of the United States, served their fellow colonists as surveyors; and

WHEREAS, the citizens of Florida recognize the valuable contributions of the surveying and mapping profession to history, development, and quality of life in Florida and the United States of America and make important decisions based on the knowledge and expertise of licensed surveyors and mappers; and

WHEREAS, the surveying and mapping profession requires special education, training, the knowledge of mathematics, the related physical and applied sciences, and requirements of law for evidence; and

WHEREAS, surveyors and mappers are uniquely qualified and licensed to determine and describe land and water boundaries for the management of natural resources and protection of private and public property rights; and

WHEREAS, the continued advancements in instrumentation have required the surveyor and mapper not only to be able to understand and implement the methods of the past, but also to learn and employ modern technology in finding solutions to meet the challenges of the future.

BE IT RESOLVED that in conjunction with National Surveyors & Mappers Week, the Board of County Commissioners of Martin County, Florida, do hereby proclaim the week of March 17-23, 2019, as "Florida Surveyors & Mappers Week" in Martin County, Florida.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the seal of the City of Tavares, Florida, to be affixed this 20th day of March, 2019.

Troy W. Singer
Troy W. Singer
Mayor, City of Tavares

City of Tavares

Office of the Mayor

Proclamation

Florida Surveyors and Mappers Week

WHEREAS, surveying has been an essential element in the development of the human environment since the dawn of recorded history and is instrumental in the definition of legal boundaries for land ownership as well as the planning and execution of nearly every form of construction with its most familiar uses in the field of transportation, land development, communications, energy delivery and mapping; and

WHEREAS, surveyors and mappers are counted among the founding leaders of our country including George Washington, Thomas Jefferson, Abraham Lincoln, among many others and were instrumental in the formation of the layout of property boundaries in the United States which have provided our citizens the enjoyment of property ownership; and

WHEREAS, the surveying and mapping profession requires special education and training including the knowledge of mathematics, trigonometry and geometry as well as the related physical and applied sciences tempered by the requirements of law of evidence and possession; and

WHEREAS, surveyors and mappers are uniquely qualified and licensed to determine and describe land and water boundaries for the management of natural resources and protection of private and public property rights.

Now, Therefore, I, John W. Halle, Mayor of the City of Venice, Florida, on behalf of the Venice City Council do hereby proclaim the week of March 17-23, 2019 as

Florida Surveyors and Mappers Week

in the City of Venice and invite all Citizens of this City to join surveyors and mappers in using their own talents for the good of the community as well as recognizing and appreciating the talent of others.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Seal of the City of Venice to be affixed this 17th day of March, 2019.

John W. Halle
John W. Halle, Mayor

City of Venice

CITY OF WINTER PARK

proclamation

Florida Surveyors & Mappers Week | March 17-23, 2019

WHEREAS, surveyors and mappers are counted among the founding leaders of our country and were instrumental in the formation of the layout of property boundaries in the United States which have provided our citizens the enjoyment of property ownership; and

WHEREAS, George Washington, Thomas Jefferson, and other former Presidents of the United States, served their fellow colonists as surveyors; and

WHEREAS, the citizens of Florida recognize the valuable contributions of the surveying and mapping profession to history, development, and quality of life in Florida and the United States of America and make important decisions based on the knowledge and expertise of licensed surveyors and mappers; and

WHEREAS, the surveying and mapping profession requires special education, training, the knowledge of mathematics, the related physical and applied sciences, and requirements of law for evidence; and

WHEREAS, surveyors and mappers are uniquely qualified and licensed to determine and describe land and water boundaries for the management of natural resources and protection of private and public property rights; and

WHEREAS, the continued advancements in instrumentation have required the surveyor and mapper not only to be able to understand and implement the methods of the past, but also to learn and employ modern technology in finding solutions to meet the challenges of the future.

NOW, THEREFORE, BE IT PROCLAIMED that in conjunction with National Surveyors & Mappers Week, the City of Winter Park, Florida, do hereby proclaim March 17-23, 2019, as "Florida Surveyors & Mappers Week" in Winter Park, Florida.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the seal of the City of Winter Park, Florida, to be affixed this 17th day of March, 2019.

Steve Leary
Steve Leary
Mayor

City of Winter Park

Local Proclamations



*Members of the Manasota Chapter at the signing of the Sarasota County Proclamation.
L to R: Bob Strayer, John McElroy, Scott Britt, Joe Kelly, Commissioner Alan Maio, Ralph Rhodes,
Teri Owen, and Richard Abernathy.*



*Members of the Manasota Chapter at the signing of the Manatee County Proclamation.
L to R: Priscilla Seleska, Darin Rushnell, Leo Mills, Jr., Ralph Rhodes, Steve Burkholder, Joe Kelly, Shane Christy,
Wendy Edwards, Justin Silva, Bob Prince, and Todd Boyle.*

clamations



*Members of the Indian River Chapter at the signing of the St. Lucie County Proclamation.
L to R: Adam Dao, Garry Moore, Steve Brickley, Commissioner Linda Bartz, Secretary Bob Johnson,
Tom Kiernan, and Jonathan Jones.*



*Members of the Indian River Chapter at the signing of the Martin County Proclamation.
L to R: Tony Wojnar, Vice President Tom Walker, Pat Meeds, Brian Szafranski, John Schelling, Sam MacIntyre,
President Brion Yancy, and Commissioner Ed Ciampi.*

Local Pro



Thomas Conner, the City Surveyor for Winter Park, with Director of Public Works Troy Attaway (left) and City Engineer Don Marcotte (right).



Greg Reith with the Charlotte County Proclamation.


 Presented at the
Board of County Commissioners Meeting
 February 26, 2019



In Recognition of
Florida Surveyors and Mappers Week

Pinellas County Board of Commissioners:
Dave Eggen Pat Alessi Chuck Johnson Grant C. Oleg Kristin Pelt Karen Williams Scott Kennedy T. Welch

The Pinellas County Proclamation Signing.

clamations



Bob Strayer (center) and Erick Bennett (right) receiving the City of Venice Proclamation.



The signing of the State of Florida Proclamation with the Florida Cabinet.

L to R: Florida BPSM Executive Director Jenna Harper, Executive Director Tom Steckler, President Dianne Collins, Attorney General Ashley Moody, Governor Ron DeSantis, BPSM Chair Steve Hyde, Agricultural Commissioner Nikki Fried, CFO Jimmy Patronis, and President-Elect Don Elder.

Did YOU Ever WONDER Why?

Michael Whitling, PSM

Why do we call an aquatic creature with body of a female and tail of a fish a “mermaid?”

The word “mermaid” is simply a compound of the Old English mere (sea), and maid (a girl or young woman). The male equivalent of the “mermaid” is the merman, also a familiar figure in folklore and heraldry. Although traditions about and sightings of mermen are less common than those of “mermaids, they are generally assumed to co-exist with their female counterparts. The first known “mermaid” stories appeared in Assyria c. 1000 BC. The goddess Atargatis, mother of Assyrian queen Semiramis, loved a mortal (a shepherd) and unintentionally killed him. Ashamed, she jumped into a lake and took the form of a fish, but the waters would not conceal her divine beauty. Thereafter, she took the form of a “mermaid”, human above the waist, fish below.



Why when we overindulge someone are we said to “spoil” them??

“Spoil” comes from the Latin word *spoilum* which originally meant the skin that had been taken from a dead animal. From that, the French used “spoil” as a verb meaning to strip the armor and weapons from a slain enemy. From that we get “spoils”, to describe the items removed or plundered from battles as in the “spoils of war.” The verb could also be used at one time for seizing goods by violence. From there “spoil” took on the meaning of depriving someone of some quality or distinction, and later still to impair or damage something to the extent that it became useless. By the end of the seventeenth century, this had reached the point where to spoil could mean “to injure in respect of character, especially by over-indulgence or undue lenience” and also “to become unfit for use.”



Why do we use “pretty” such as the conference is “pretty soon?”

The word “pretty” is very, very old (like medieval old) and has taken some drastic changes since its inception. “Pretty” first appears in Old English (around 1000 years ago) as “praetig,” meaning “cunning or crafty,” a modification of the word “praett”, meaning “trick.” From the 1400s onward, “pretty” acquired more and more definitions, from “clever” or “skillful” to “elegantly made or done” (like a pretty speech). Quickly, this positive connotation comes to describe things, places, and people. Shakespeare was a big fan of the word “pretty” in general and used it well over 100 times in his writing, taking advantage of almost every one of its potential meanings from “clever” to “proper” to “good” to “considerable” to “childish or trifling” to “attractive.” As a compliment specifically, “pretty” weakened over its centuries of use. In fact, as early as the 1500s, there was “an implicit distinction in usage between “pretty” and ‘beautiful,’ and “pretty” was often used in a patronizing or even depreciative sense, still very much in use today. In this sense “pretty” was applied, in rather a condescending way, to young women as a reduced version of beautiful. Words like “pretty”, fairly, really, very, and quite are placed directly in front of adjectives or adverbs to add to their meaning. Often they make the meaning of the adverb or adjective stronger, or more intense. For this reason, these words are called intensifiers. However, some intensifiers weaken the meaning of the adjective or adverb that they modify. Really and very are strong. When one of these words is placed in front of an adjective or adverb, it makes the meaning of that adjective or adverb more intense, (She did very well on a test, or the water is really cold). Fairly and “pretty” weaken the adverbs or adjectives that they modify. They tell you that the quality described by the adverb or adjective is present, but only to a limited extent. So I’ll end with that since this has gotten “pretty” long.

Quick Facts:

- ⇒ The “wasabi” you get in Asian restaurants isn't really wasabi. Outside Japan, it is rare to find real wasabi plants. Due to its high cost, a common substitute is a mixture of horseradish, mustard, starch, and green food coloring or spinach powder
- ⇒ Nintendo was founded in 1889. No, that's not a typo. The beloved Japanese gaming company is about 100 years older than you probably thought. Decades before Pokémon and Mario, Nintendo started out as a card game company. They slowly branched out into other forms of gaming over the years.



- ⇒ The last person executed by guillotine in France was Hamida Djandoubi, on September 10, 1977. He was the last person to be legally executed by beheading in the Western world and the last person to be legally executed in the European Union.
- ⇒ Wojtek, a Syrian brown bear, was promoted to the rank of corporal during World War II. Wojtek, dubbed the Soldier Bear, was bought from a young boy by a member of the Polish army. In order to provide for his rations and transportation, he was enlisted officially as a soldier with the rank of private. During the Battle of Monte Cassino, when Wojtek's unit needed ammunition, he helped by carrying 100-pound crates of 25-pound artillery shells, all without dropping a single one. The bear mimicked the soldiers: when he saw the other soldiers lifting crates, he copied them. The boxes he carried normally required 4 men. Following the battle, he was promoted to the rank of corporal. And after the Allies won World War II, he moved to Britain and lived in the Edinburgh Zoo until his death in 1963.



- ⇒ One 18-inch pizza is more pizza than two 12-inch pizzas. Let's do some math. If a pizza has a diameter of 18 inches, that means it has an area of 254.47 square inches. And if a pizza has a diameter of 12 inches, then it has an area of 113.1 square inches. If you get two of them, you're at 226.2 square inches, which is still less than one 18-inch pizza.

- ⇒ There are more trees on earth than there are stars in the galaxy. The number of trees on Earth is mind-boggling. NASA estimates that there are between 100 billion and 400 billion stars in the Milky Way galaxy. And according to a paper in Nature, there are more than 3 trillion trees on Earth.



- ⇒ While Harvard is the oldest continuously operating university in the United States, it isn't even close to being the oldest one in the world. That would be the University of Al Quaraouiyine in Fez, Morocco, established in 859.
- ⇒ More people live in Bangladesh than in Russia. Don't let size fool you here. Although Bangladesh is smaller than Russia, its population is 163 million people. The population of Russia is 144.3 million.
- ⇒ In a room of 23 people, there's a better-than-50% chance that two people have the same birthday. It's called the Birthday Paradox.
- ⇒ A Banyan Tree near Kolkata, India is bigger than the average Walmart. The average Walmart store covers about 104,000 square feet. The Great Banyan Tree in Kolkata, India is about the size of a forest, covering 155,000 square feet.
- ⇒ Baby carrots are not actually baby carrots. In case you didn't know, they're just chopped up normal carrots. Farmer Mike Yurosek invented them in 1986 as a way to use misshapen carrots that weren't sold in stores. He put them in bags, and sold them in supermarkets. By the early 1990s, they became the phenomenon they are now.



- ⇒ A day on Venus is longer than a year on Venus. To puzzle this out, remember that one day is how long it takes for a planet to rotate on its own axis, and one year is how long it takes for a planet to rotate around the sun. Venus takes about 243 Earth Days to spin around just once (and in the opposite direction as the Earth, by the way) and 225 Earth Days to go around the sun. So a day is longer than a year.

Send your thoughts to drmjw@aol.com

Around the State



Tom Steckler (left) and Dominic Levings (right) with Jack Breed at the Island Wing Factory in Tallahassee. Breed was in town with the UF students.



Steckler speaking at the Manasota, Charlotte Harbor, and Collier-Lee Tri-Chapter meeting.



Steckler received a "standing ovation" before speaking at the Palm Beach, Broward, and Miami-Dade Tri-Chapter meeting.



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- Aerial, Mobile, and Static LiDAR Technicians
- Photogrammetry Mappers & Scientist
- Geospatial Project Managers

Visit our website: www.gpinet.com/geospatial



Still time to e-mail or call 'til April 8th



FSMS Ridge Chapter Sporting Clays Tournament

[Download Form](#)

"Just Havin' Fun Bustin' Clays"

- Benefitting the Florida Surveying and Mapping Society Ridge Chapter
- Lunch, Tournament Hats and Shotgun Shells Provided
- Post-Tournament Awards Ceremony with Door Prizes

WHERE:

TENOROC

3755 Tenoroc Mine Road, Lakeland FL 33805

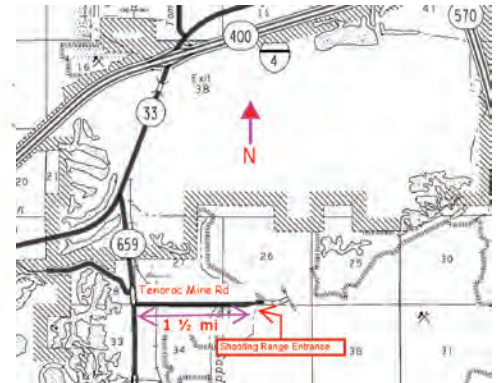
WHEN:

Friday, April 12, 2019

12:00 PM - Lunch, Registration, Safety Meeting and Warm-ups

1:00 PM - Sporting Clays Tournament Start

2:30 PM - Awards Ceremony with Door Prizes



REGISTRATION:

\$500 per foursome team or \$125 Individual shooters, Sponsorships available

(Shooters registering individually will be assigned to a team)

- 🔊 Tournament consists of 50-clay shoot
- 🔊 Shotgun Shells provided
- 🔊 Tournament Hat provided
- 🔊 Eye and Ear protection **REQUIRED** on the course (Bring your own or purchase there)
- 🔊 Golf Carts Allowed (Bring your own or rent one from the facility (first come first served))
- 🔊 Shot Size larger than 7^{1/2} is not permitted
- 🔊 Individual Shooters or groups of two or three are welcome
- 🔊 Shot gun rental available, but must be reserved prior to event day

Make checks payable to “Ridge Chapter of FSMS”

SEE ATTACHED FOR REGISTRATION AND SPONSORSHIP OPPORTUNITIES

Individuals may register until Monday, April 8th

Phone: 863-533-9095

Fax: 863-534-1464

Email: fsms.ridge.chapter@gmail.com



FSMS Ridge Chapter Sporting Clays Tournament



REGISTRATION AND SPONSORSHIP FORM

TENOROC Friday, April 12, 2019

Lunch and Registration at **Noon**, Clay Shoot Starts at **1PM**

Sponsorship Levels:

- **Lunch and Beverage Sponsor \$500**
Sponsor logo on main board and at a shooting station, recognition during ceremony. (Company logo must be submitted by March 29th)
- **Gold Sponsor \$600**
Includes entry of a foursome, sponsor logo on main board and at a shooting station, recognition during ceremony and additional raffle ticket per shooter for door prizes. (Company logo must be submitted by March 29th)
- **Silver Sponsor \$100**
Includes sponsor logo on main board and at a shooting station, company logo and verbal recognition during ceremony. (Company logo must be submitted by March 29th)

Organization (Team Name): _____

Contact Person: _____ Phone #: _____

Email: _____

_____ Sponsorship Level from above.....	\$ _____
_____ Team (4-person) @ \$500.....	\$ _____
_____ Individual Shooter(s) @ \$125.....	\$ _____
_____ Shotgun rental @ \$15 (per gun).....	\$ _____
Total Check Amount.....	\$ _____

Shooter Name

1. _____

2. _____

3. _____

4. _____

For Sponsor Signs to be Printed, Logos and Entry Form must be received by March 29th
Please make checks payable to **"Ridge Chapter of FSMS"**. Entry form and check must be received by Friday March 29th, 2019 and should be sent to:

Sherry Grymko, PSM - Pickett and Associates, 475 South First Avenue, Bartow, FL 33830

Phone: 863-533-9095

Fax: 863-534-1464

Email: fsms.ridge.chapter@gmail.com

**30th ANNUAL SURVEY & MAPPING GOLF TOURNAMENT --
April 27, 2019 - (7:45 A.M. SHOT GUN START - BEST BALL)**

**ENTRY
FORM**

<p>ENTRY FEE All Inclusive \$ 360 per Team of 4 or \$100 per Individual</p> <p><u>Entry Fees include:</u> Participant Gift Free Practice Balls 2 Golf Carts per Team 2 Throws per Team 4 Mulligans/1 per player Barbecue Lunch *AND* \$5,000 Hole-in-One Contest</p>	
<p>Team Name:</p>	<p>Player's Name</p>
<p>(If any of your team's players change after the entry form is submitted, notify Ned Connolly at Nconnolly@omni-communications.com)</p>	
	<p>PRINT NAME</p>
	<p>M/F</p>
<p>ADDRESS:</p>	
<p>PHONE:</p>	<p>E-MAIL</p>

PLEASE READ:

1. Entry is limited to 40 teams. Priority will be given in the order entries are received with paid entry fee.
2. All entries must be submitted by **April 5, 2019** to ensure correct number of participant gifts !!!!!
3. Please read all rules carefully.
4. By submitting this form, all team members agree to the rules of the tournament and also agree to indemnify and hold harmless the TBSMSF, Inc., the tournament organizing committee, and the sponsors, to any claims resulting from this golf tournament.
5. Please complete and E-Mail this form to Ned Connolly at Nconnolly@omni-communications.com or fax to Ned Connolly at 866.485.3356. Copy Dianne Collins at dcollins@collinsurvey.com
6. Mail checks separately to Dianne Collins, TBSMSF, 5915 Lake Luther Road, Lakeland, FL 33805. Make checks payable to: TBSMSF.
7. Information on the above Corporation may be obtained by writing TBSMSF, 5915 Lake Luther Road, Lakeland, FL 33805 or looking at website www.wcisa.com and clicking on TBSMSF page.

FOR QUESTIONS CALL:
Ned Connolly @ 727.919.4268
Registrations accepted until Tournament is full!

DIAMOND HILL GOLF & COUNTRY CLUB
13115 Sydney Rd. Dover, FL 33527



Tampa Bay Surveying & Mapping Scholarship Fund, Inc.

TAMPA BAY SURVEYING & MAPPING SCHOLARSHIP FUND
30TH ANNUAL GOLF TOURNAMENT – APRIL 27, 2019
SPONSOR FORM

PLATINUM (2 Rtic Cups w/ Event Decals; Tent & Course Signs, Name on Koozies, Pin Flags)	\$ 750	_____
CORPORATE (2 Rtic Cups w/ Event Decals; Tent & Course Signs, Name on Koozies)	\$ 500	_____
GOLD (Tent & Course Signs; Event Decals)	\$ 300	_____
SILVER (Tent Signs)	\$ 200	_____
HOLE (Course Signs)	\$ 100	_____

SPECIAL EVENT (Check the event to sponsor) \$ 250 _____

- ~~Longest Drive~~ (Taken!)
- Straightest Drive
- Closest to the Pin (Front Nine - #6 - will add #3 if sponsored)
- Closest to the Pin (Back Nine - #12)
- Big Splash
- Putting
- Game Day Photography

- Door Prize Donation Amount \$ _____
- Scholarship Fund Donation Amount \$ _____
- Hole In One (#15) Amount \$ _____
- Instant Winner Amount \$ _____

TOTAL ENCLOSED \$ _____

PLEASE PLACE A MARK NEXT TO YOUR SPONSORSHIP AND/OR DONATION AMOUNT.

YOU WILL BE INVOICED IN FEB/MARCH 2019

THANK YOU FOR YOUR SUPPORT & GENEROSITY!!

SIGNED BY _____ DATE _____

COMPANY _____ PHONE _____

ADDRESS/EMAIL _____

PLEASE RETURN TO Ned Connolly at nconnolly@omni-communications.com
OR Dianne Collins at dcollins@collinssurvey.com

5915 Lake Luther Road., Lakeland, FL 33805 ~ 863.606.2155 ~ dcollins@collinssurvey.com



**MANASOTA & CHARLOTTE
HARBOR CHAPTERS-F.S.M.S.**

**ANNUAL GOLF TOURNAMENT
AND BBQ!**

LAKE VENICE GOLF CLUB

1801 South Harbor Dr., Venice

Just Past Venice Airport on Harbor Drive

Date: April 27, 2019

Entry Deadline: April 24, 2019

BEST BALL SCRAMBLE

\$65.00 PER GOLFER (LUNCH ONLY \$15.00)

Sign in-7:00 a.m., Shot Gun start-8:00 a.m.

REGISTRATION INCLUDES: CONTINENTAL BREAKFAST, RANGE BALLS, BEVERAGES ON THE COURSE, GOLF ROUND & CART, BBQ LUNCH FOLLOWING GOLF AND PRIZES. AWARDS TO THE TOP 3 FOURSOMES, GREAT DOOR PRIZES AND RAFFLE. LONGEST DRIVE, CLOSEST TO THE PIN, SPECIAL EVENT HOLES AND HOLE-IN-ONE PRIZES EVERY PAR 3

ENTRY FORM

PLAYERS LIST

NAME		1.	
COMPANY		2.	
ADDRESS		3.	
		4.	
PHONE			
FAX			
METHOD OF PAYMENT:	<input type="radio"/> CASH <input type="radio"/> CHECK (Payable to: Manasota Chapter FSMS)		<input type="radio"/> Individual: \$65.00 <input type="radio"/> Foursome: \$260.00 <input type="radio"/> Hole Sign Sponsor: \$75.00 <input type="radio"/> Foursome and Hole Sponsor: \$300.00
SPONSORSHIPS: (please check one)	<input type="radio"/> Beverage \$400.00 <input type="radio"/> Lunch \$200.00		<input type="radio"/> Breakfast Sponsor \$250.00 <input type="radio"/> Specialty Event \$100.00
HOLE SPONSOR:	<input type="radio"/> \$75.00		Please check all that apply Total Amount: \$

Fax, mail or email entry form to:
 Joe Kelly
 c/o Stantec
 6900 Professional Parkway east
 Sarasota, FL 34240
 Phone: 941-907-6900 Fax: 941-907-6910
 Email: joe.kelly@stantec.com

Alcoholic Beverages are provided on a "Donation Only" policy and only to adults 21 and over. Proceeds raised from the tournament will be donated to help the FSMS Scholarship and FSMPAC funds. The Chapters and the Florida Surveying and Mapping Society are not responsible for and cannot be held liable for any of the accidents or incidents during or after this tournament.

PLEASE DRINK RESPONSIBLY!



2019 eLearning Courses



Basics of Real Property Course #8380 (3 General CEC)

\$ 70⁰⁰



Boundaries in Florida Course #8255 (6 SOP/L&R CEC)

\$ 120⁰⁰



Contracts for the Professional Course #8412 (3 General CEC)

\$ 70⁰⁰



Elevation Certificates and the Community Rating System Course #8256 (3 General CEC)

\$ 70⁰⁰



Ethics for the Design Professional Course #8621 (6 General CEC)

\$ 120⁰⁰



Florida Laws Course #7149 (6 SOP/L&R CEC)

\$ 120⁰⁰



Professional Ethics and Professional Courses FULL Video Course #8363 (6 General CEC)

\$ 120⁰⁰



Georgia Technical Standards for Property Surveys Course #8554 (6 General CEC)

\$ 120⁰⁰



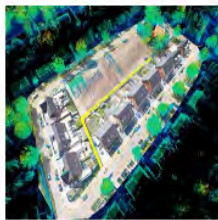
History of Surveying Course #7140 (6 General CEC)

\$ 120⁰⁰



Identification of Native and Non-Native Trees in Florida Course #8132 (6 General CEC)

\$ 120⁰⁰



Introduction to Photogrammetry Course #7968 (3 General CEC)

\$ 70⁰⁰



Land Tenure and Cadastral Systems Course #8260 (6 General CEC)

\$ 120⁰⁰



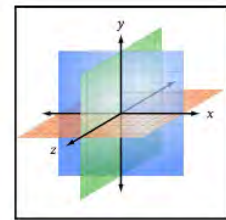
Map Projections and Plane Coordinate Systems Course #8261 (6 General CEC)

\$ 120⁰⁰



Mean High Water Observations & Computations Course #8262 (6 General CEC)

\$ 120⁰⁰



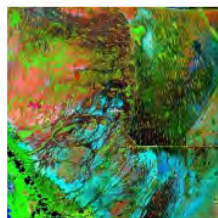
Practical Geometry for Surveyors Course #7141 (6 General CEC)

\$ 120⁰⁰



Public Land Survey System Course #7147 (6 General CEC)

\$ 120⁰⁰



Remote Sensing Applications to Surveying & Mapping Course #7148 (6 General CEC)

\$ 120⁰⁰



Writing Boundary Descriptions Course #8362 (3 General CEC)

\$ 70⁰⁰



FSMS Correspondence Courses

Lowest Rates of Any Florida Surveying and Mapping Continuing Education Provider

Step 1: Choose Course(s)

3 Hour Courses Available

- A History of the Prime Meridian Marker, #8403, 3 CEC**
- Basics of Real Property, #8359, 3 CEC**
- Contracts for the Professional, #8411, 3 CEC**
- Digital Signatures for Surveyors, #8491, 3 CEC**
- Elevation Certificates and the Community Rating System, #8257, 3 CEC**
- Introduction to Photogrammetry, #7887, 3 CEC**
- Quality Assurance/Quality Control for the Design Professional and Technical Staff, #9293, 3 CEC**
- Writing Boundary Descriptions, #8361, 3 CEC**

6 Hour Courses Available

- Boundaries in Florida, #7667, 6 CEC**
- Chapter 177, Platting (Plat Law), #6970, 6 CEC**
- Client Satisfaction Excellence for Surveying and Mapping Professionals, #7229, 6 CEC**
- Critical Communication for Surveying & Mapping Professionals, #7228, 6 CEC**
- Ethics for the Design Professional, #8620, 6 CEC**
- Florida Laws, #6966, 6 CEC**
- Florida Surveying Law and Rule Changes, #9573, 6 CEC**
- Georgia Technical Standards for Property Surveys, #8553, 6 CEC**
- Geographic Information Systems (GIS), #7107, 6 CEC**
- History of Surveying, #7108, 6 CEC**
- Identification of Native and Non-Native Trees in Florida, #7874, 6 CEC**
- Land Tenure and Cadastral Systems, #7829, 6 CEC**
- Map Projections and Plane Coordinate Systems, #7669, 6 CEC**
- Mean High Water Observations and Computations, #8220, 6 CEC**
- Practical Geometry for Surveyors, #7109, 6 CEC**
- Public Land Survey System, #6979, 6 CEC**
- Remote Sensing Applications to Surveying & Mapping, #6972, 6 CEC**
- Stress Management for Surveyors & Mappers: How to be Productive Under Pressure, #6902, 6 CEC, ONLY AVAILABLE BY MAIL**
- Time Management for Surveyors & Mappers: How to be Productive & Exercise Time Mastery in a Hectic World, #6901, 6 CEC, ONLY AVAILABLE BY MAIL**

Step 2: Choose Member Type

FSMS Member

<i>EMAILED</i>	Fee	Quantity	Amount
6 CEC	\$115 Per Course	x _____ =	\$ _____
3 CEC	\$58 Per Course	x _____ =	\$ _____
<i>MAILED</i>			
6 CEC	\$125 Per Course	x _____ =	\$ _____
3 CEC	\$68 Per Course	x _____ =	\$ _____
TOTAL			\$ _____

Non-Member

<i>EMAILED</i>	Fee	Quantity	Amount
6 CEC	\$135 Per Course	x _____ =	\$ _____
3 CEC	\$78 Per Course	x _____ =	\$ _____
<i>MAILED</i>			
6 CEC	\$145 Per Course	x _____ =	\$ _____
3 CEC	\$88 Per Course	x _____ =	\$ _____
TOTAL			\$ _____

Non-Licensed in ANY State

<i>EMAILED</i>	Fee	Quantity	Amount
6 CEC	\$100 Per Course	x _____ =	\$ _____
3 CEC	\$60 Per Course	x _____ =	\$ _____
<i>MAILED</i>			
6 CEC	\$110 Per Course	x _____ =	\$ _____
3 CEC	\$70 Per Course	x _____ =	\$ _____
TOTAL			\$ _____

Step 3: Payment Information

Name: _____ PSM#: _____ State: _____ FSMS Member: ___ YES ___ NO

Firm: _____ Sustaining Firm: ___ YES ___ NO

Address: _____

City/State: _____ Zip Code: _____

Email Address: _____ Work Phone: _____

Payment Information: _____ Check Enclosed (Payable to FSMS) _____ VISA/MasterCard/American Express

Card #: _____ Exp. Date: _____ CVV Code: _____

Billing Address of Credit Card: _____

Signature: _____

IF PAYING BY CHECK, MAIL FORM TO: FSMS, P.O. Box 850001-243, Orlando, Florida 32885-0243

IF PAYING BY CREDIT CARD, FAX OR EMAIL FORM TO: 850.877.4852 education@fsms.org

QUESTIONS? CALL 800.237.4384

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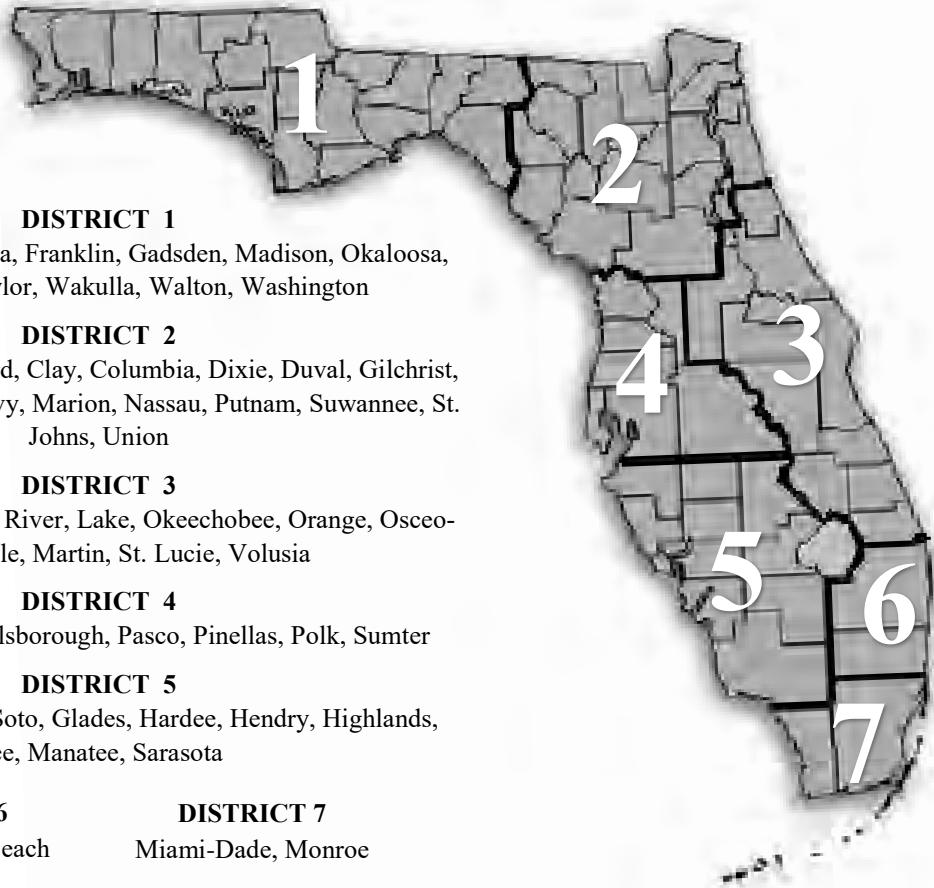
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DISTRICT 2

Alachua, Baker, Bradford, Clay, Columbia, Dixie, Duval, Gilchrist, Hamilton, Lafayette, Levy, Marion, Nassau, Putnam, Suwannee, St. Johns, Union

DISTRICT 3

Brevard, Flagler, Indian River, Lake, Okeechobee, Orange, Osceola, Seminole, Martin, St. Lucie, Volusia

DISTRICT 4

Citrus, Hernando, Hillsborough, Pasco, Pinellas, Polk, Sumter

DISTRICT 5

Collier, Charlotte, DeSoto, Glades, Hardee, Hendry, Highlands, Lee, Manatee, Sarasota

DISTRICT 6

Broward, Palm Beach

DISTRICT 7

Miami-Dade, Monroe

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NSPS Director

Ronnie Figueroa
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Committees

Standing Committees

Nominating Committee	Don Elder
Membership Committee	Jim Sullivan
Finance Committee	Bon Dewitt
Executive Committee	Dianne Collins
Education Committee	Joe Williamson
Annual Meeting Committee	Matt LaLuzerne
Legal Committee	Jack Breed
Strategic Planning Committee	Don Elder
Ethics and Professional Practice Committee	Joe Perez
Constitution and Resolution Advisory Committee	Eric Stuart

Special Committees

Legislative Committee	John Clyatt
Awards Committee	Bob Strayer, Jr.
UF Alumni Recruiting Committee	Russell Hyatt

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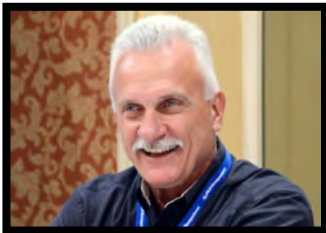
CST Program	Ronnie Figueroa
FDACS BPSM	Lou Campanile, Jr.
Surveyors in Government	Richard Allen
Academic Advisory UF	Bon Dewitt

Practice Sections

Geospatial Users Group	Richard Allen
Young Surveyor's Network	Britney Powell

Administrative Staff

Tom Steckler



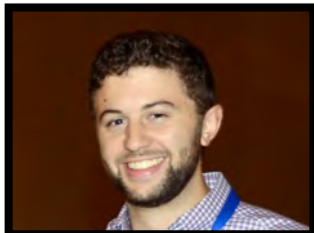
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director@fsms.org

Rebecca Culverson



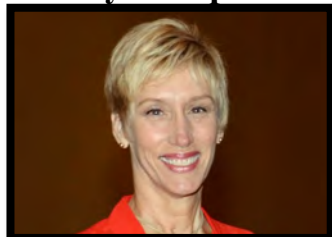
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Dominic Levings



Communications Director
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Cathy Campanile



Regional Coordinator
seminolecc84@gmail.org

Tom's Tip of the Month

The Power of Teamwork

Click on the picture below to view the video!



Sources for Byni Polk Story:

- County Worker Leaves Legacy of Knowledge, Cakes.* The Ledger. 1989.
- Human Archive Retires.* The Tampa Tribune. 1989.
- Polk's People: 'Byni' Polk, Engineering Manager.* Winter Haven News Chief. 1989.
- Woman's Math Talent Leads to Success as Surveyor.* The Ledger. 1998.
- Ridge Chapter Yearbook, 1998.

The Florida Surveyor is the official publication of the Florida Surveying and Mapping Society, Inc. (FSMS). It is published monthly for the purpose of communicating with the professional surveying community and related professions who are members of FSMS. Our award winning publication informs members eleven months of the year of national, state, and district events and accomplishments as well as articles relevant to the surveying profession. The latest educational offerings are also included.

2019 Sustaining Firms

Accuright Surveys of Orlando, Inc.	407-894-6314	CPH, Inc.	407-322-6841
Agnoli, Barber & Brundage, Inc.	239-597-3111	Craven-Thompson & Associates, Inc.	954-739-6400
AIM Engineering & Surveying, Inc.	239-332-4569	Cross Surveying, LLC	941-748-8340
Allen & Company, Inc.	407-654-5355	Culpepper & Terpening Inc.	772-464-3537
Allen Engineering, Inc.	321-783-7443	Cumbey & Fair, Inc.	727-324-1070
AM Engineering, Inc.	941-377-9178	Dagostino & Wood, Inc.	239-352-6085
American Consulting Professionals, LLC	813-435-2600	Dennis J. Leavy & Associates	561-753-0650
American Surveying, Inc.	813-234-0103	DMK Associates, Inc.	941-475-6596
Amerritt, Inc.	813-221-5200	Donald W. McIntosh Associates, Inc.	407-644-4068
Arc Surveying & Mapping, Inc.	904-384-8377	Donoghue Construction Layout, LLC	321-248-7979
Associated Land Surveying & Mapping, Inc.	407-869-5002	Douglass, Leavy & Associates, Inc.	954-344-7994
Avirom & Associates, Inc.	561-392-2594	DRMP, Inc.	407-896-0594
Axis Geospatial SE, LLC	386-439-4848	DSW Surveying & Mapping, PLC	352-735-3796
Banks Engineering	239-939-5490	Durden Surveying and Mapping, Inc.	904-853-6822
Barnes, Ferland and Associates, Inc	407 896-8608	E.F. Gaines Surveying Services, Inc.	239-418-0126
Barraco & Associates, Inc.	239-461-3170	Echezabal & Associates, Inc.	813-933-2505
Bartram Trail Surveying, Inc.	904-284-2224	ECHO UES, Inc.	888-778-3246
BBLS Surveyors, Inc.	239-597-1315	Eda Engineers-Surveyors-Planners, Inc.	352-373-3541
Bello & Bello Land Surveying Corporation	305 251-9606	Eiland & Associates, Inc.	904-272-1000
Benchmark Surveying & Land Planning, Inc.	850-994-4882	Element Engineering Group, LLC	813-386-2101
Berntsen International	608-443-2773	Engenuity Group, Inc.	561-655-1151
Beta Company Surveying, Inc.	941-751-6016	Engineering Design & Construction, Inc.	772-462-2455
Betsy Lindsay, Inc.	772-286-5753	England, Thims & Miller, Inc.	904-642-8990
Biscayne Engineering Company, Inc.	305-324-7671	ER Brownell & Associates, Inc.	305-860-3866
Boatwright and Durden Land Surveyors, Inc.	904-241-8550	ESP Associates FL, Inc	813-295-9024
Bock & Clark Corporation	330-665-4821	Exacta Land Surveyors, Inc.	305-668-6169
Boundary & Mapping Associates, Inc.	407-696-1155	F.R. Aleman & Associates, Inc.	305-591-8777
Bowman Consulting Group, Ltd.	703-464-1000	F.R.S. & Associates, Inc.	561-478-7178
Brown & Phillips, Inc.	561-615-3988	First Choice Surveying, Inc.	407-951-3425
BSE Consultants, Inc.	321-725-3674	Florida Design Consultant, Inc.	727-849-7588
Buchanan & Harper, Inc.	850-763-7427	Florida Engineering & Surveying, LLC	941-485-3100
Bussen-Mayer Engineering Group, Inc.	321-453-0010	FLT Geosystems	954-763-5300
C&M Road Builders, Inc.	941-758-1933	Fortin, Leavy, Skiles, Inc.	305-653-4493
Calvin, Giordano & Associates, Inc.	954-921-7781	Geo Networking, Inc.	407-549-5075
Cardno, Inc.	407-629-7144	Geodata Consultants, Inc.	407-732-6965
Carter Associates, Inc.	772-562-4191	Geoline Surveying, Inc.	386-418-0500
Caulfield & Wheeler, Inc.	561- 392-1991	Geomatics Corporation	904-824-3086
Causseaux, Hewett & Walpole, Inc.	352-331-1976	Geomni, Inc.	904-758-2601
Chastain-Skillman, Inc.	863-646-1402	GeoPoint Surveying, Inc.	813-248-8888
CivilSurv Design Group, Inc.	863-646-4771	George F. Young, Inc.	727-822-4317
Clary & Associates, Inc.	904-260-2703	Geosurv, LLC	877-407-3734
Clements Surveying, Inc.	941-729-6690	Germaine Surveying, Inc.	863-385-6856
Coastal Supply, Inc.	321-345-4051	Global One Survey, LLC	786-486-8088
Collins Survey Consulting, LLC	863-937-9052	GPI Geospatial, Inc.	407-851-7880
Compass Engineering & Surveying, Inc.	727-822-4151	GPServ, Inc.	407-601-5816
Control Point Associates FL, LLC	908-668-0099	Gustin, Cothorn & Tucker, Inc.	850-678-5141
County Wide Surveying, Inc.	850-769-0345	H. L. Bennett & Associates, Inc.	863-675-8882
Cousins Surveyors & Associates, Inc.	954-689-7766	Hamilton Engineering & Surveying, Inc.	813-250-3535

2019 Sustaining Firms

Hanson Professional Services, Inc.	217-788-2450	Pickett & Associates, Inc	863-533-9095
Hanson, Walter & Associates, Inc.	407-847-9433	Pittman Glaze & Associates Inc	850-434-6666
Hole Montes, Inc.	239-254-2000	Platinum Surveying & Mapping, LLC	863-904-4699
Honeycutt & Associates, Inc.	321-267-6233	Point to Point Land Surveyors, Inc.	678-565-4440
Hutchinson, Moore & Rauch, LLC	251-626-2626	Polaris Associates, Inc.	727-461-6113
Hyatt Survey Services, Inc.	941-748-4693	Porter Geographical Positioning & Surveying, Inc.	863-853-1496
I.F. Rooks & Associates, LLC	813-752-2113	Pulice Land Surveyors, Inc.	954-572-1777
Inframap Corporation	804-550-2937	Q Grady Minor & Associates, PA	239-947-1144
John Ibarra & Associates, Inc.	305-262-0400	R. M. Barrineau & Associates, Inc.	352-622-3133
John Mella & Associates, Inc.	813-232-9441	R.J. Rhodes Engineering, Inc.	941-924-1600
Johnston's Surveying, Inc.	407-847-2179	Reece & White Land Surveying, Inc.	305-872-1348
KCI Technologies, Inc.	954-776-1616	Rhoden Land Surveying, Inc.	352-394-6255
Keith and Associates, Inc.	954-788-3400	Rhodes & Rhodes Land Surveying, Inc.	239-405-8166
Kendrick Land Surveying	863-533-4874	Richard P. Clarson & Associates, Inc.	904-396-2623
King Engineering Associates, Inc.	813-880-8881	Robayna and Associates, Inc.	305-823-9316
L&S Diversified, LLC	407-681-3836	Robert M. Angas Associates, Inc.	904-642-8550
Landmark Engineering & Surveying Corporation	813-621-7841	Rogers, Gunter, Vaughn Insurance, Inc. (HUB Florida)	850-386-1111
Leading Edge Land Services, Inc.	407-351-6730	S&ME, INC.	407-975-1273
Leiter Perez & Associates, Inc.	305-652-5133	SAM Surveying and Mapping, LLC	850.528.1005
Leo Mills & Associates, Inc.	941-722-2460	Sergio Redondo & Associates, Inc.	305-378-4443
Long Surveying, Inc.	407-330-9717	Settimio Consulting Services	850-341-0507
Ludovici & Orange Consulting Engineers, Inc.	305-448-1600	Shah Drotos & Associates, PA	954-943-9433
MacSurvey, Inc.	727-725-3269	Shannon Surveying, Inc.	407-774-8372
Manuel G. Vera & Associates, Inc.	305-221-6210	Sherco, Inc.	863-453-4113
Marco Surveying & Mapping, LLC	239-389-0026	Sliger & Associates, Inc.	386-761-5385
Maser Consulting, P.A.	813-207-1061	Southeastern Surveying & Mapping Corporation	407-292-8580
Massey-Richards Surveying & Mapping, LLC	305-853-0066	Stephen H. Gibbs Land Surveyors, Inc.	954-923-7666
Masteller, Moler & Taylor, Inc.	772-564-8050	Stoner & Associates, Inc.	954-585-0997
McKim & Creed, Inc.	919-233-8091	Strayer Surveying & Mapping, Inc.	941-497-1290
McLaughlin Engineering, Co.	954-763-7611	Suarez Surveying & Mapping, Inc.	305-596-1799
Metron Surveying and Mapping, LLC	239-275-8575	SurvTech Solutions, Inc.	813-621-4929
Metzger + Willard, Inc.	813-977-6005	Thurman Roddenberry & Associates, Inc.	850-962-2538
Mock Roos & Associates, Inc.	561-683-3113	Tradewinds Surveying Services, LLC	863-763-2887
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Morris-Depew Associates, Inc.	239-337-3993	Upham, Inc.	386-672-9515
Murphy's Land Surveying, Inc.	727-347-8740	Wade Surveying, Inc.	352-753-6511
Navigation Electronics, Inc.	337-237-1413	Wallace Surveying Corporation	561-640-4551
Northstar Geomatics, Inc.	772-485-1415	Wantman Group, Inc.	561-713-1714
Northwest Surveying, Inc.	813-889-9236	WBQ Design & Engineering, Inc.	407-839-4300
NV5, Inc	407-896-3317	Winningham & Fradley, Inc.	954-771-7440
Omni Communications, LLC	813-852-1888	Woolpert, Inc.	937-461-5660
On The Mark Surveying, LLC	321-626-6376	ZNS Engineering, LC	941-748-8080
PEC - Surveying & Mapping, LLC	407-542-4967		
Pennoni Associates, Inc.	215-222-3000		

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April 5-6, 2019
 FSMS Strategic Planning Meeting
Tallahassee

April 12, 2019
 Ridge Chapter
 Sporting Clays Tournament
Tenoroc

April 27, 2019
 Tampa Bay Scholarship Fund
 30th Annual Golf Tournament
Dover

April 27, 2019
 Manasota & Charlotte Harbor
 Annual Golf Tournament and BBQ
Venice

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