



PRESIDENT'S MESSAGE

Will B. Cornelius II, P.E.

I recently ran into an old fraternity brother of mine who I fell out of touch with over the years. As we were catching up on our lives after undergrad, he mentioned that his father was also an engineer, "...and boy, did he have the neatest handwriting!" While tidy penmanship is a good trait for an engineer to possess (and one that I severely lack), I was very tempted to hop up on a soapbox to ask why penmanship was the first and only thing he mentioned regarding his father being an engineer. As an engineer, his father could have been part of building hospitals or helped increase the efficiency of power plants or was a member of the team that put man on the moon, but, his penmanship seemed to be the achievement most admired. Sadly, I bit my tongue, avoided the soapbox and moved on with the conversation.

The reason professional engineering licensure got its start over 100 years ago was to protect the public health, safety and welfare. Nevertheless, society today gives praise to those who either talk about or fund the advances in technology, and not those who actually envision change and make it happen. Regrettably, we have only ourselves to blame for this unfortunate state. By accepting (and sometimes embracing) the stereotypes of "nerd", "geek" and "egghead", we have allowed ourselves to be mischaracterized by the same public whose health, safety and welfare we are pledged to protect.

We are very fortunate to have Former FES State President, and one of my mentors, Mark L. Mongeau, P.E., as our guest of honor for our E-Week Banquet on February 22nd. By asking the question, "*Why Not Us?*", Mark will show us that, as engineers, we must take the first step and evolve from technical professionals to community professionals.

Calendar of Events for Upcoming Months



February 1	Treasure Coast Chapter MATHCOUNTS competition (IRCC – Kight Center)
February 5 & 6	Professional Engineers Legislative Days (Tallahassee)
February 19 - 21	FICE Roadside Design Course (Tampa)
February 17 - 23	ENGINEERS WEEK
February 22	Treasure Coast Chapter E-Week Banquet (Josef's - Port St. Lucie)
February 26	New York Mets Spring Training Season Begins (St. Lucie West)
March 20 (TENTATIVE)	Treasure Coast Chapter Meeting
March 25	Advanced Work Zone Refresher Course (Altamonte Springs)
March 28	Florida MATHCOUNTS State Competition (Altamonte Springs)
April 3	FICE Board of Directors Meeting (Fort Myers)

February Meeting at a Glance...

- What:** E-Week Dinner and Awards Banquet
- Who:** Mr. Mark L. Mongeau, P.E.,
Former FES State President
“Engineers - Why Not Us?”
- Where:** Josef’s at the Saints
2601 SE Morningside Boulevard
Port St. Lucie
- When:** Friday, February 22nd
Cocktail Hour - 6:00 pm
Dinner - 7:00 pm
- Cost:** \$45.00 per person
- RSVP:** Jon Murray at (772) 219-2928 or
Jon-M@BoyleEngineering.com



National Engineers Week was founded in 1951 by the National Society of Professional Engineers. It is always celebrated at the time of George Washington’s birthday. Our nation’s first President was a military engineer and land surveyor.

ENGINEERS WEEK® 2008 February 17-23

Since 1951, beginning with President Truman, U.S. Presidents have sent special messages of appreciation to the engineering profession in recognition of the week.

At its beginning, National Engineers Week included a few scattered government proclamations, dinners, and speeches. It has since grown to involve tens of thousands of engineers in a variety of community outreach activities, such as technology and education exhibits at shopping malls, to presentations of student scholarships.

Currently there are hundreds of engineering societies, corporations and businesses, government agencies, and universities nationwide that participate.

Engineer’s Week is dedicated to raising public awareness of engineers’ positive contributions to the quality of life. It promotes recognition among parents, teachers and students of the importance of technical education and a high level of math, science, and technology literacy, and motivates youth to pursue engineering careers in order to provide a diverse and vigorous engineering workforce. For more information about National Engineers Week, go to www.eweek.org.

COMMITTEE CHAIRS

FES is a member driven organization. Our volunteers steer the Society in the best direction. Ideas and programs are created at the committee level and impact the organization at each level. Becoming part of a FES committee is very simple and rewarding.

We have several new volunteers since last month, however, we still need a few more for our State Committees. For further details on a specific committee, or if you are interested in volunteering for any of these committees, please contact Will Cornelius at (772) 878-0072 or WCornelius@Ardaman.com.

In addition, please thank your fellow members who are volunteering their time to make a difference.

COMMITTEE CHAIRPERSONS

- Annual Meeting Steering – Jen Porter, P.E.
- Awards – **VACANT**
- Charter & Bylaws – Adam Schildmeier, E.I.
- Communications Advisory – **VACANT**
- Conservation & Env. Quality – Richard Creech, P.E.
- Constructed Environment – Allen Bottorff, P.E.
- Energy – **VACANT**
- Ethical Practices – Melissa Corbett, P.E.
- Golf Tournament – Pat Ferland, P.E.
- K-12 Education – Jen Porter, P.E.
- K-12 Education co-chair – Sarah Henke, E.I.
- K-12 Education co-chair – Adam Schildmeier, E.I.
- Leadership Advisory – **VACANT**
- MathCOUNTS – Kelly Cranford, P.E.
- MathCOUNTS – Chad Rucks, P.E.
- Membership Development – John Donahue, P.E.
- Professional Concerns – Allen Bottorff, P.E.
- Professional Development – **VACANT**
- Rivers Coalition – David Andre, P.E.
- Scholarship Co-Chair– Will Cornelius, P.E.
- Scholarship Co-Chair – Paul Bangs, P.E.
- Student Prof. Development – Sean Donahue, P.E.

CHAPTER LIAISON REPRESENTATIVES

- Prof. Eng. in Government - Kelly Cranford, P.E.
- Engineers in Construction - Paul Bangs, P.E.
- Engineers in Education - Jen Porter, P.E.
- Professional Engineers in Industry - **VACANT**
- Professional Engineers Retired - **VACANT**

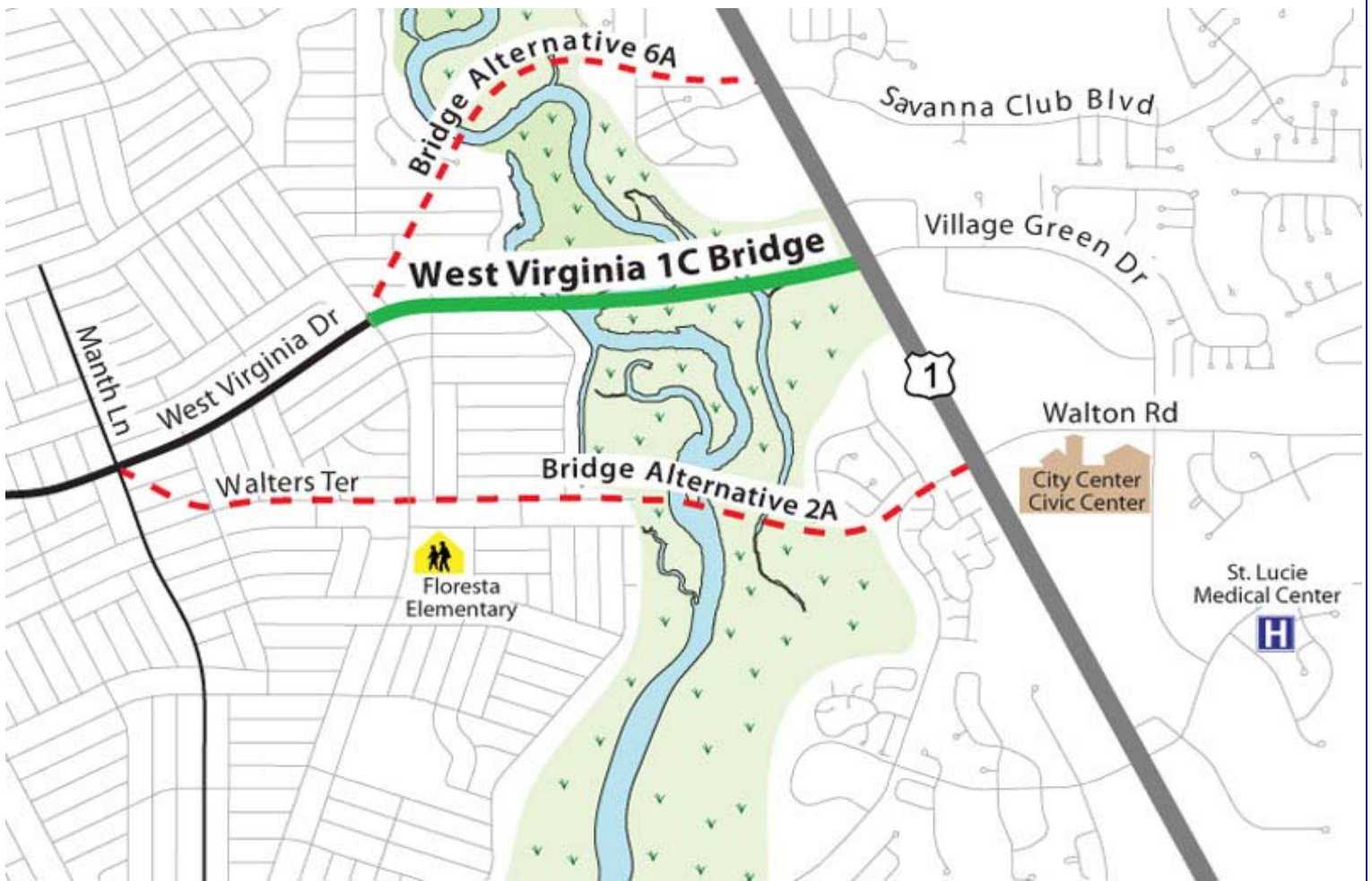


I was asked by the Mayor of Port St. Lucie to serve on her task force to support the Alternate 1-C Crosstown Parkway crossing of the St. Lucie River. This is the final link of the roadway. All other segments are either under construction or completed. For each month the project is delayed, it costs the City of Port St. Lucie taxpayers over \$100,000. Anyone who has traveled through the City knows that Port St. Lucie Boulevard and Prima Vista Boulevard are at capacity during peak hours, and that this limited access corridor that connects I-95 to US 1 is desperately needed to relieve congestion.

We will be delivering petitions to Tallahassee in late February in an attempt to persuade FDOT and FDEP to expedite the permits for the river crossing. Anyone who has the desire is welcome to complete this petition (<http://www.crosstownparkway.com/PDFs/petition.pdf>). If you need additional information, please see me.

Thanks,

[John Donahue, P.E.](#)



MATHCOUNTS®

The 2008 Treasure Coast Chapter MATHCOUNTS competition was held on Friday February 1, 2008 at the Indian River College Main Campus. This year we had over 60 competitors for the Treasure Coast Region compete from 6 schools and home school association. Congratulations go out to Cimone Watson who was the top individual for the competition and Lincoln Park Academy who won the top team award. The following individuals and teams qualified for the state competition:

Top Individuals:

- 1st Place - Cimone Watson (Lincoln Park Academy)
- 2nd Place - Gustavo Martinez (Lake Placid Christian School)
- 3rd Place - Jarrett Elrod (Lincoln Park Academy)
- 4th Place - Harlington Hannah (Hidden Oaks Middle School)

Top Teams:

- 1st Place - Lincoln Park Academy
- 2nd Place - Hidden Oaks Middle School

The Treasure Coast Chapter MATHCOUNTS committee would also like to thank the following volunteers and sponsors. Without their help this event would not be possible.

Volunteers:

Beth Alvarado, Allen Bottorff, Will Cornelius, Sean Donahue, Steven Doyle, Patrick Ferland, Steve Gaydosh, Leo Giagrande, Noah Handley, Marcos Montes de Oca, Stephanie Raymond, Sandra Smith, Laney Southerly, Julie Ziegler

Sponsors:

Andersen Andre Consulting Engineers Inc., Ardaman and Associates, Inc., Arcadis US, Inc., CAPTEC Engineering, Inc., Creech Engineers, Boyle Engineering Corporation, Culpepper & Terpening, Inc., CSM, Dunkelberger Engineering & Testing, Inc., Rudd Jones, P.E. & Associates, P.A., Syfrett Feed

MATHCOUNTS Silent Auction

To make MATHCOUNTS a special event for the youth in our area, Kelly Cranford and Chad Rucks (Treasure Coast Chapter Co-Chairs) are asking for items to be donated for a silent auction **to take place during the E-Week Banquet**. If you have anything you would like to put up for auction (football tickets, fishing trips, artwork, etc.) please contact Chad or Kelly. All proceeds will go to supporting our local Mathletes. Please help this worthy cause that promotes the engineering profession to our community!!

Cimone Watson



Lincoln Park Academy



Hidden Oaks Middle School



**JEN PORTER, P.E.
TREASURE COAST
CHAPTER MEMBER
CYCLING 100 MILES FOR
A CURE FOR LEUKEMIA**



**Stuart, Florida
February 2008**

You may recall that FES member Jennifer Porter was recently training to par-

ticipate in a 109-mile bike ride in order to raise money and awareness for the programs of the Leukemia and Lymphoma Society. On November 17, 2007, Jennifer completed the ride in Tucson, Arizona, in a time that qualified her for a silver medal. More importantly, thanks to generous donations from family, friends, acquaintances, and local businesses, Jennifer was able to surpass her fundraising goal by raising \$4,600 for leukemia research and patient support. Please see the February edition of the Florida Engineering Society Journal for an article detailing Jennifer's adventure in Tucson.

But, she's not done yet. Jennifer recently started training for another event as part of the Leukemia and Lymphoma Society's Team in Training Program. For the next 3 months, Jennifer will be swimming, cycling, and running in preparation for a triathlon. Of course, she will also continue fundraising, and hopes to raise more than \$2,000 during this training season.

**Contact: Jennifer Porter, P.E.
Phone: 772-323-3136
Email: djexplor@comcast.net
Website: <http://www.active.com/donate/tntpb/tntpbJPorter1>**

**Start the New Year by Sponsoring
a New Member...**

This is a great time to start your new resolution and become more active in FES. Ask a friend or colleague to join you at a chapter meeting or other FES event. Share your experiences with co-workers and friends about the advantages your FES membership has given you. If you'd like to share your experiences in a brief testimonial, please send it to awilson@fleng.org. Testimonials will be used in various publications. Everybody wins when you help spread the word!

Remember that Membership dues are reduced 25% this month (rates are based on October 1 – September 30 membership year).

Membership applications, tools, and additional information is available at www.fleng.org/membertools.cfm or contact the Member Services Department at 850-224-7121.



**Martin County
Utilities**

**Changes to Martin
County
Design Standards**

The Martin County Board of County Commissioners has approved the latest edition of the Martin County Utilities/Solid Waste Minimum Design & Construction Standards effective 9/18/07. This latest edition was revised in July 2007. Hard copies are available for purchase at the utilities office, CD's are available on request or you can access the entire document including AutoCAD detail drawings on our web page at the following link:

http://ap3server.martin.fl.us:7778/portal/page?_pageid=351.530091&_dad=portal&_schema=PORTAL



Please visit our new website!

<http://old.fleng.org/treasurecoast/>

Please send your comments and suggestions about our website to Jon-M@BoyleEngineering.com

Professional Development Hours (PDHs)

Date	Event	Location	PDHs	Cost
February 19 - 21	FICE Roadside Design Course	Tampa	24	\$599 FES/FICE Members
				\$699 Non-Members
				<i>After February 5 - \$50 late fee applies</i>
March 25	Advanced Work Zone Refresher Course	Altamonte Springs	6	\$275 FES/FICE Members & FDOT Employees
				\$375 Non-Members
				<i>After March 11 - \$50 late fee applies</i>
May 8 - 9	2008 GMEC Conference	Walt Disney World	6.5 + Laws & Rules	\$275 FES/FICE Members
				\$375 Non-Members
				\$180 Government
				<i>After April 23 - \$50 late fee applies</i>

<http://www.fleng.org/seminars.cfm>

Classifieds



Did you know that the Treasure Coast Chapter will publish POSITIONS WANTED and HELP WANTED notices for its members at no cost?! You can also add a link to the your company's website on the Chapter's site! Please email your advertisements or link requests to Sean Donahue at SDonahue@IRCC.edu

Questions or Comments?

If you have any questions/comments, or if you would like something included in the monthly publication, please feel free to contact Sean Donahue at SDonahue@IRCC.edu or by telephone at (772) 462-7823

2007 — 2008 Treasure Coast Chapter Board Members

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 E. Allen Bottorff II, P.E., Treasurer (772) 462-7823 EBottorf@IRCC.edu
 Sean Donahue, P.E., Secretary (772) 462-7823 SDonahue@IRCC.edu
 John Donahue, P.E., Regional Vice President (772) 286-3883 John-D@BoyleEngineering.com
 Marcos Montes De Oca, P.E., Past-President (863) 763-8999 Marcos-M@BoyleEngineering.com
 Patrick J. Ferland, P.E., State Director (772) 878-1700 Pferland@Arcadis-us.com

TREASURE COAST CHAPTER
 Chartered 1987
FLORIDA ENGINEERING SOCIETY
 Affiliated with
 NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS
 P.O. BOX 8764, PORT ST. LUCIE, FL 34985

