



Proclamation

Board of County Commissioners
Manatee County, Florida

WHEREAS, February 20th through the 26th is designated as National Engineers Week; and

WHEREAS, this week is also celebrated throughout the local engineering community; and

WHEREAS, this proclamation will be on display at all public events celebrating National Engineers Week, which include the 22nd Annual Toothpick Bridge Building Contest, at G. Wiz – the Science Museum, Saturday, February 26, 2011; Honk at an Engineer, February 25, 2011; Introduce a Girl to Engineering Day, February 25, 2011; and

WHEREAS, engineers help design, construct and maintain the infrastructure and facilities that contribute to a high quality of life for all residents of Florida; its growth depends on engineers executing innovative, creative, high-quality solutions to technical problems; and

WHEREAS, the stated purposes of engineers are: To advance the public welfare, promote the professional, social and economic interests of the engineering profession, and stimulate and develop professional concepts among all engineers through education and in practice; and

WHEREAS, members of the Florida Engineering Society, Florida Water Environment Association, American Society of Civil Engineers, American Water Works Association, American Public Works Association and the Florida Institute of Consulting Engineers are making strides to interact with the engineering education sector to prepare future engineers to maintain our economic leadership and quality of life, and it is fitting that we recognize and honor the continuing contributions of America's engineers by observing Engineers Week with the motto: "Engineers Make a World of Difference."

NOW, THEREFORE, BE IT PROCLAIMED by the Board of County Commissioners of Manatee County, Florida, that the week of February 20-26, 2011, shall be known, designated and set aside as

ENGINEERS WEEK

in Manatee County, Florida.

ADOPTED, with a quorum present and voting this 22nd day of February 2011.

**BOARD OF COUNTY COMMISSIONERS
MANATEE COUNTY, FLORIDA**

By:

Carol Whitmore, Chairman

ATTEST:


R/B. "Chips" Shore
Clerk of Circuit Court

By:

Deputy Clerk



**MANATEE COUNTY GOVERNMENT
AGENDA MEMORANDUM**


SUBJECT	National Engineers Week, February 20-26, 2011	TYPE AGENDA ITEM	Proclamation
DATE REQUESTED	February 22, 2011	DATE SUBMITTED/REVISED	February 07, 2011
BRIEFINGS? Who?	N/A	CONSEQUENCES IF DEFERRED	Event will pass without observance
DEPARTMENT/DIVISION	Public Works/Engineering Services	AUTHORIZED BY TITLE	Ron Schulhofer Public Works Director
CONTACT PERSON TELEPHONE/EXTENSION	Sia Mollanazar, P.E. x7487	PRESENTER/TITLE TELEPHONE/EXTENSION	Board of County Commissioners
ADMINISTRATIVE APPROVAL			

ACTION DESIRED INDICATE WHETHER 1) REPORT; 2) DISCUSSION; 3) FORM OF MOTION; OR 4) OTHER ACTION REQUIRED
Adopt proclamation designating February 20 – 26, 2011, as “National Engineers Week” in Manatee County, Florida.

ENABLING/REGULATING AUTHORITY Federal/State law(s), administrative ruling(s), Manatee County Comp Plan/Land Development Code, ordinances, resolutions, policy
The Board of County Commissioners has the authority to adopt a proclamation.

BACKGROUND/DISCUSSION
See below.

COUNTY ATTORNEY REVIEW	
Check appropriate box	APPROVED IN OPEN SESSION FEB 22 2011 BOARD OF COUNTY COMMISSIONERS - MANATEE COUNTY, FLORIDA
<input type="checkbox"/>	REVIEWED Written Comments: <input type="checkbox"/> Attached <input type="checkbox"/> Available from Attorney (Attorney's initials: _____)
<input checked="" type="checkbox"/>	NOT REVIEWED (No apparent legal issues.)
<input type="checkbox"/>	NOT REVIEWED (Utilizes exact form or procedure previously approved by CAO.)
<input checked="" type="checkbox"/>	OTHER: National Engineer's Week News Letter

ATTACHMENTS: (List in order as attached)		INSTRUCTIONS TO BOARD RECORDS: 	
Proclamation Description of Public Events		Please submit a signed copy to Sia Mollanazar, P.E., Public Works/Engineering Services (sia.mollanazar@mymanatee.org)	
COST:	N/A	SOURCE (ACCT # & NAME):	N/A
COMMENTS:	N/A	AMT./FREQ. OF RECURRING COSTS: (ATTACH FISCAL IMPACT STATEMENT)	N/A

Background/Discussion

- February 20 - 26, 2011, is designated as National Engineers Week.
- This week is celebrated with the local engineering community hosting numerous public events.
- This proclamation will be on display at all public events.
- The attached announcement outlines some of the planned public activities celebrating the National Engineers Week, February 20 – 26, 2011.
- This item was placed on the agenda at the request of the Manatee County Professional Engineers. Ms. Sonya Fronckowiak, P.E., President, Suncoast Branch American Society of Civil Engineers, and Project Engineer with WilsonMiller-Stantec will attend and accept the proclamation.



ENGINEERS WEEK[®] 2011

FEBRUARY 20-26



American Water Works Association

AWWA  **FLORIDA**
Florida's Water Professionals

ASCE *a better world by design*
American Society of Civil Engineers

FOUNDED 1916



Florida
Engineering
Society



What is E-week?

National Engineers Week is a celebration of the engineering profession and its accomplishments in conjunction with the birthday of one of our founding fathers and first U.S. President George Washington, who is also considered to be the nation's first engineer. The week is celebrated with the Engineering community hosting events that feature math, science, and technology as well as raise awareness about the Engineering Profession.

Meet your local Engineering community:

American Public Works Association (APWA) – Originally chartered in 1937, APWA is the largest and oldest organization of its kind in the world, with 64 chapters throughout North America. APWA provides a forum in which public works professionals can exchange ideas, improve professional competency, increase the performance of their agencies and companies, and bring important public works-related topics to public attention in local, state and federal arenas.

American Society of Civil Engineers (ASCE) – Founded in 1852, ASCE represents more than 140,000 members of the civil engineering profession worldwide and is America's oldest national engineering society. ASCE's Mission is to provide essential value to our members and partners, advance civil engineering, and serve the public good.

American Water Works Association (AWWA) – Founded in 1881, AWWA is the authoritative resource on safe water, with more than 60,000 members worldwide sharing knowledge on water resource development, water and wastewater treatment technology, water storage and distribution, and utility management and operations.

Florida Engineering Society (FES) – FES Mission supports engineering education, advocates licensure, promotes the ethical and competent practice of engineering and enhances the image and well-being of all engineers in the state of Florida.

Florida Water Environment Association (FWEA) – FWEA is the Florida Member Association of the international Water Environment Federation WEF. WEF is a not-for-profit educational and technical organization of 40,000 water quality experts worldwide. Committed to the preservation and enhancement of the global water environment, WEF has Member Associations located in many countries throughout the world. FWEA serves to educate the general public about wastewater and other water quality issues.



We are proud to present the following activities for the 2011 E-week Event:

- Education Channel Engineering Broadcast
- E-week Proclamation and Kick-off
- Water Tasting Event
- Introduce a Girl to Engineering Day
- K-12 Reach out & Engineer Appreciation Day!
- Toothpick Bridge Competition

Please read through this E-week Bulletin for event information and sponsorship opportunities. For more information please contact:

Neirda Lafontant nlafontant@gapep.com (Chair)

Chris Sharek, P.E. rcsharek@pbsj.com (Co-Chair)

Alexander Boudreau, P.E. aboudrea@scgov.net (APWA)

Kristiana Dragash, E.I. kdragash@greeley-hansen.com (FWEA)

Angela Garland, P.E. agarland@gtseng.com (K-12 Reach Out)

Seton Katz, P.E. skatz@scgov.net (AWWA)

Samantha Smith, E.I. samanthalynn.smith05@gmail.com (ASCE)



Monday February 21-26, 2011 Education Channel Engineering Broadcast

The Education Channel is a cable network that produces local, award-winning programs about our schools and our community in and around Sarasota County. The educational cable access channel is available on **Comcast 20** in Sarasota County, **Verizon FiOs 33** across most of Florida, and via live stream on <http://www.theedchannel.net/>. Launched in October 1999, the channel broadcasts 24 hours a day, seven days a week, with a mission of student achievement. To that end, The Education Channel produces original programs that inform, educate and entertain concerning subjects that matter most to a community.

In continuing with the mission of education and community The Education Channel will be broadcasting the special "Engiwho" during E-week. This half hour special presentation will feature local engineers discussing the engineering profession as well as finding out what the community at large knows about engineering and how it affects our everyday lives.

Please join us for this special original program because as they say at The Education Channel:

"You learn something new everyday on The Education Channel."

Tuesday February 22, 2011 E-week Proclamation

Please join us for the official publication of Engineers Week through proclamation.

Through proclamation we can educate the public about the engineering profession. Please join our local government in showing support by drawing attention to the issues.



2011 E-Week Kick-off!!

Are you a local Engineer??

Please join us Tuesday February 22, 2011

5:30-7pm

Sarasota Ale House

Learn about volunteer and sponsorship opportunities during E-week!!

Come after work

Appetizers and Beverages provided by ASCE, FWEA, FES, AWWA, APWA

RSVP Requested but not Required

Wednesday February 23, 2011 Water Tasting Event



Thursday February 24, 2011 Introduce a Girl to Engineering Day



Introduce a Girl to Engineering Day



For the past ten years, women engineers have introduced more than one million girls and young women to engineering. More than just one day, Introduce a Girl to Engineering is a national movement that shows girls how creative and collaborative engineering is and how engineers are changing our world.

Sarasota, Desoto, & Manatee County Engineers will be celebrating Introduce a Girl to Engineer Day during E-week on Thursday February 24, 2011 by inviting 6th grade girls from various middle schools to tour a wastewater treatment plant, view a presentation on a fully converted electric vehicle and discuss the Engineering profession with local female engineers.

Friday February 25, K-12 Out Reach

Engineering in Our Schools

In keeping with the spirit of E-week local Engineers will be visiting various Elementary, Middle, & High Schools on Friday February 25, 2011. Local engineers will be making presentations that feature hands on activities with an engineering concept.

Friday February 25, 2011 Engineer Appreciation Day!



HONK AT AN ENGINEER!!!

**WHAT BETTER WAY TO MEET OUR PUBLIC AND GET
RECOGNITION FOR OUR WORK AS ENGINEERS THAN
TO TAKE IT TO THE STREETS?! (WHICH WE
DESIGNED OF COURSE)**

- WHEN:** Friday, February 25, 2011 From 3:30pm Until The ASCE Lebarge Sets Sail
- WHERE:** The SW Corner Of US 41 And Gulfstream Ave/John Ringling Causeway (By The "Unconditional Surrender" A.K.A. Kissing Statue)
- WHAT:** We Will Be Holding Signs Encouraging The Public To Honk In Support Of Engineers. Special Signs Will Be Provided: Ex: "Honk If You Like Potable Water!"

**SO COME OUT, SHOW YOUR ENTHUSIASM
AND DEDICATION FOR YOUR PROFESSION
AND SPREAD THE WORD! IT'LL BE A HOOT!
...OR HONK RATHER**

Have ideas for cool signs? Want to hold a sign for your company???
Become a sponsor!

Contact: Kristiana Dragash kdragash@greeley-hansen.com



Saturday February 26, 2010 Toothpick Bridge Competition



22nd Annual Toothpick Bridge Building Contest

Saturday, February 26, 2011 from 10:00 am to 2:00 pm

The Contest is open to all students in
Manatee and Sarasota Counties with divisions for
Elementary, Middle, High School & *Teachers*.

Sponsored by the Local Branches of the Major Professional Engineering Societies

What do you need to do to enter?

- 1** Build Your Toothpick Bridge:
* Ask your teacher for a copy of THE RULES, and follow them!
- 2** Bring Your Bridge to G.WIZ on Contest Day:
* Saturday, February 26, 2011
* 10:00 am – 2:00 pm
- 3** Celebrate Your Triumph at the Awards Ceremony:
* Thursday, March 3, 2011
* 6:00 pm – 7:00 pm

The events are held at **G.WIZ - The Science Museum**
The Blivas Science and Technology Center
1001 Boulevard of the Arts Sarasota, FL 34236
(941) 309-4949 x116 www.gwiz.org

In Recognition of National Engineers' Week
February 20 – 26, 2011

Sponsored Locally By:

Society of Manufacturing Engineers (SME)
American Society of Civil Engineers
Florida Engineering Society
American Public Works Association

Top Prizes Include
Certificates,
Trophies,
and CASH!!!

For more information, or to volunteer your time to help with
the contest, contact Tim Foushee at (941) 343-0532
Or fousheet@ayresassociates.com

GWIZ
THE SCIENCE MUSEUM