

Columbus Engineer

Franklin County Chapter

A chapter chartered by the Ohio Society of Professional Engineers.

P.O. Box 69
Reynoldsburg, OH 43068-0069

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President's Message

Dustin Doherty, P.E., CPESC
– FCC President

On September 22, I was able to participate in the Ohio Engineering Certificate Ceremony, recognizing the achievements of new PEs by presenting them with their official State of Ohio wall certificates. There were 32 PEs with their families present, and nearly 160 guests in total. It was a pleasure to see so many individuals dedicate themselves to their studies and career, to the end that they want to be registered as a Professional Engineer. Steve Day was the Master of Ceremonies and he relayed a message that was given to him on the day he attended his Certificate Ceremony, "congratulations, now you can be sued!". In all seriousness, the achievement of becoming a Professional Engineer is one to held in very high regard, and is a privilege that very few enjoy. As you are aware, it takes dedication and commitment to go to an accredited university, pass the EI exam, get valid job experience under another professional engineer, and finally pass the PE exam. We should acknowledge this privilege and hold ourselves to the highest standards. I was again reminded of the Engineer's Creed, that every PE is asked to recite during this Ceremony:



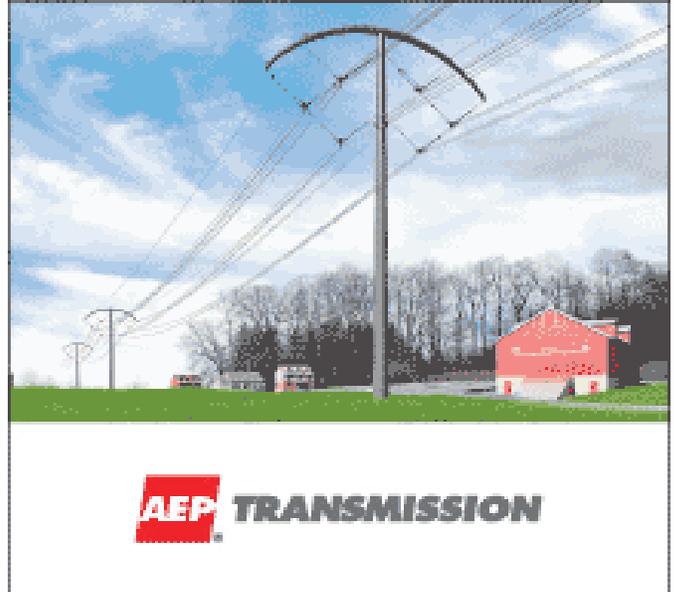
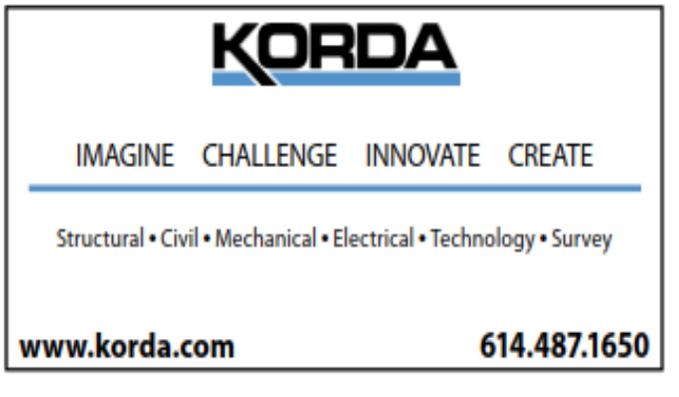
"As a Professional Engineer, I dedicate my professional knowledge and skill to the advancement and betterment of human welfare.

I pledge:

To give the utmost of performance;
To participate in none but honest enterprise;
To live and work according to the laws of man and the highest standards of professional conduct;
To place service before profit, the honor and standing of the profession before personal advantage, and the public welfare above all other considerations.
In humility and with need for Divine Guidance, I make this pledge."

It starts from this premise, that NSPE was founded and it is from this premise that we should continue to operate – regardless of the culture, clients, or pressure. We all deserve to live in a world where we can be confident that the engineering decisions affecting our lives are made by qualified and ethically accountable professionals.

According to the Ohio Revised Code, Section 4733, "No person shall practice, or offer to practice, the profession of engineering or the profession of surveying without being registered or exempted in accordance with this chapter, or present or attempt to use as the person's own the registration, the certificate of authorization, or the seal of another, or give any false or forged evidence of any kind to the state board of registration for professional engineers and surveyors or to any member thereof in obtaining registration or a certificate of authorization, or falsely impersonate any other registrant or holder of a certificate of authorization of like or different name, or attempt to use an expired, suspended, or revoked registration or certificate of authorization, or otherwise violate this chapter." - Continued Page 2



President’s Message – Continued

It is with this in mind, that I again want all us to not only acknowledge our profession, but also the one organization that protects our privilege to live and work according to these high standards – OSPE. OSPE protects you from political, legislative, administrative and legal challenges to Ohio’s PE laws. OSPE is the single, most powerful voice representing Ohio's professional engineers. OSPE continues to advocate for all PEs, regardless of whether they support our efforts. For these reasons, more than ever, that I ask for you to share in our initiative for new members. Get busy talking about NSPE and let people know why we exist and the true benefit we provide.

Not only should OSPE be supported by all PEs, but you should be aware of the current active threats, which can be found at the following link: <https://www.nspe.org/resources/issues-and-advocacy/action-issues/threats-professional-licensure>. NSPE is working closely with its state societies to ensure that any effort to undermine the value of the PE license is promptly and soundly defeated – promoting and protecting the PE license is of the utmost importance. Help me take a stand in projecting OSPE’s message for what we do and why we exist, so we too can take a role in protecting our privilege.

OSPE-FCC October 2019 Luncheon Program

Date: Thursday, October 17, 2019

Place: La Scala Restaurant

4199 W. Dublin Granville Rd., Dublin, OH

Time: Registration: 11:30 am

Lunch: 11:50 am

Speaker: 12:00 pm

Closing Remarks: 1:00 pm

Cost: Members: \$20.00 & Non-Members: \$30.00.

SPE@OSU Students: \$5

Registration: Visit fccospe.org. Pay at door or online at (www.fccospe.org). **No access to computer, contact Jim Arnold, 614-299-2133, to help with registration.**

Title: “From Soil Profiles to Recommendations: Foundations, Floor Slabs, and Pavements.”

Abstract: Geotechnical engineering has been considered a “black box” to many in the A/E/C industry.

- Continued Page 3

Luncheon Program – Continued

This presentation sheds some light on the geotechnical evaluation process from the proposal stage to the interpretation of boring logs for foundation, floor slab, and pavement design and construction. It reviews important information for the geotechnical engineer to know, including information that the project team can specifically provide. Finally, examples of log interpretation and recommendations will be done in real time to demystify the process

Presenter:

Ms. Alison K. Frye, PE from SME



Biography:

Alison Frye, PE provides pavement, geotechnical, and construction material services (CMS) and evaluations related to pavement design, recycling, rehabilitation and construction, foundation design and construction, floor slab construction, and masonry construction. As a project manager, she is experienced in geotechnical evaluations related to industrial, manufacturing, commercial, government, and residential facilities. Alison has 7 years of experience with SME. She holds a B.S. degree in Civil Engineering from Ohio State University and a M.S. degree in Civil Engineering from the University of Akron.

A certificate for 1 hour of Professional Development for attending the program will be presented at the luncheon.

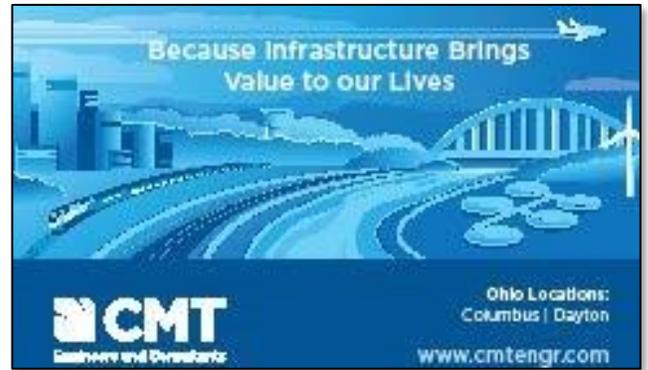
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**FALL CPD CONFERENCE
November 7-8, 2019**

EFO’s Continuing Professional Development Conference is being held at Bridgewater Conference Center, 10561 Sawmill Pkwy, Powell, OH 43065. There are two days filled with seminars – courses specifically designed for Ohio’s design professionals. Materials, lunch both days, morning coffee/continental breakfast and breaks are included in the registration fee. To register call The Engineers Foundation of Ohio, 614-223-1177.

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Environmental Facilities Geotechnical Materials

Illinois Offers Licensure Reciprocity For Military Personnel



Army Recruiting Simi Valley Grand Opening" by U.S. Army Corps of Engineers Los Angeles District is licensed under CC BY-ND 2.0

A new law will expedite the process for members of the US Armed Forces and their spouses to obtain temporary or professional licenses in Illinois. The legislation (H.B. 1652) was signed by Governor Jay Pritzker in August.

Applicants that meet specified requirements can obtain this licensure for three years and within 60 days of a licensing board receiving his or her application. An applicant must hold a valid license in good standing for an occupation or profession issued by another US jurisdiction or foreign jurisdiction with equivalent standards for licensure. The applicant must also be assigned to a duty station in Illinois or will reside in the state within six months after the date of application.

This law will also allow the service member or spouse to place their license in an inactive status through a military liaison if they must leave Illinois. The license can be reactivated within 30 days upon return with a formal request.

(Excerpted from NSPE SCOPE, October 2019, links removed)

Colorado Board Issues Red-Light Camera Warning

A case of unlicensed engineering practice and red-light camera installation strikes again—this time in Colorado. In August, the Colorado State Board of Licensure for Architects, Professional Engineers, and Professional Land Surveyors issued a cease and desist order to Redlex Traffic Systems for practicing engineering without a license in the state.



According to the document, Redlex Traffic Systems provided professional services to the city and county of Denver in July 2008 in violation of state engineering law. Firm staff prepared design drawings for red light photo enforcement, which included design layout for intersection improvements with detailed construction notes and details about installation of related hardware and infrastructure.

If the company disregards the cease and desist, the state attorney general and Denver's district attorney can take further legal actions. This case is similar to one in which the North Carolina engineering licensing board concluded, after an investigation last year, that the firm American Traffic Solutions Inc., violated the law when it installed red-light cameras without a license to practice in the state.

(Excerpted from NSPE SCOPE, October 2019, links removed)



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Florida Bids Goodbye to Certificates of Authorization

Beginning October 1, AEC firms in Florida will no longer be required to apply for a certificate of authorization.

Firms will be required to register their businesses with the Florida Board of Professional Engineers and be qualified by having a professional engineer licensed in the state on their staff. Prior to this change, engineering firms had to renew their certificate of authorization every two years and pay a fee. Current and active holders of the certificate will be transferred to the new registry.

If a firm's qualified licensee leaves the firm, the board must be notified within 24 hours of his or her departure. If this licensee was the only qualifying licensee with the firm, the business must refrain from offering engineering services in the state. Another qualified engineer must be brought into the firm within 60 days if the firm wants to continue offering services.

The registry will also apply to out-of-state firms that want to provide engineering services on a temporary basis.

(Reprinted from NSPE SCOPE October 2019)

PROUDLY DISPLAY YOU ARE A PROFESSIONAL ENGINEER

Frame your license plate with a black frame and raised white letters. The frames are ideal gift for newly licensed Professional Engineers, or for a spouse, an associate, friend, son or daughter who is a Professional Engineer. This is also a great way to recognize the new Professional Engineer in your organization by presenting them with a Professional Engineer License Plate Frame.

These frames are available through the Franklin County Chapter of the Ohio Society of Professional Engineers, web site: www.fccospe.org/store/. Each frame requires a \$5.00 donation plus Shipping and Handling.

Boeing to Strengthen Engineering Oversight After Fatal Crashes

Following two fatal airplane crashes in the last year involving Boeing's 737 MAX aircraft, the aviation company aims to step up its engineering reporting company-wide to ensure communication and feedback are more efficient at all levels.

According to *The Wall Street Journal*, Boeing's board is weighing reorganization for top engineers assigned to various airplane development programs. Instead of reporting to airplane program managers, top engineers would report to the chief engineer of



Boeing's commercial airplane division—the company hopes this change will reduce factors in engineers' decision making on budgets and schedules. Boeing's board is also considering launching a company-wide safety group that will report to senior executives.

By Oleg V. Belyakov - [CC BY-SA 3.0](https://creativecommons.org/licenses/by-sa/3.0/)

This comes after an internal review in August from a special board panel set up to review how the company develops and builds aircraft following two 737 MAX crashes—a Lion Air crash in Indonesia in October 2018 and an Ethiopian Airlines crash in Ethiopia in March. In both instances, the pilots failed to recover the planes from fatal nose dives. In all, 346 people died. Boeing announced in July that it has dedicated \$50 million of a previously announced \$100 million fund to provide near-term financial assistance to families of the victims of the Lion Air Flight 610 and Ethiopian Flight 302 accidents.

(Reprinted from NSPE PE SCOPE October 2019 with links removed)

2019-2020 CALENDAR

Aug. 30	10:00 a.m.	Deadline for September <i>Columbus Engineer Newsletter</i>
Sept. 10	5:30 p.m.	FCC Board Meeting @ Civil & Environmental Consultants, Inc.
Sept. 19	11:30 a.m.	Program: Pipeline Integrity – Geohazard Identification, Assessment and Mitigation
Sept. 24	5:00 p.m.	Deadline for October <i>Columbus Engineer Newsletter</i>
Oct. 8	5:30 p.m.	FCC Board Meeting @ Civil & Environmental Consultants, Inc.
Oct. 17	11:30 a.m.	Program: TBA
Oct. 17	5:00 p.m.	Deadline for November <i>Columbus Engineer Newsletter</i>
Nov. 12	5:30 p.m.	FCC Board Meeting @ Civil & Environmental Consultants, Inc.
Nov. 21	11:30 a.m.	Program: TBA
Nov. 30	5:00 p.m.	Deadline for December <i>Columbus Engineer Newsletter</i>
Dec. 10	5:30 p.m.	FCC Board Meeting @ Civil & Environmental Consultants, Inc.
Dec. 17	5:00 p.m.	Deadline for January <i>Columbus Engineer Newsletter</i>
Jan. 14	5:30 p.m.	FCC Board Meeting @ Civil & Environmental Consultants, Inc.
Jan. 16	5:00 p.m.	Deadline for February <i>Columbus Engineer Newsletter</i>
Jan. 22	11:30 a.m.	Program: TBA
Feb. (TBA)	8:00 a.m.	Regional MathCounts Competition (OSPE, see www.ohioengineer.com)
Feb. 11	5:30 p.m.	FCC Board Meeting @ Civil & Environmental Consultants, Inc.
Feb. 15	5:00 p.m.	Deadline for March <i>Columbus Engineer Newsletter</i>
Feb. 17-21		National Engineer's Week (see www.eweek.com)
Feb. (TBA)	8:00 a.m. – 3:00 p.m.	Engineer For A Day Program 2020
Feb. 20	11:30 a.m.	Program: E-Week Luncheon
Mar. TBA	8:15 a.m. – 4:00 p.m.	Ohio State MathCounts Competition (OSPE, see www.ohioengineer.com)
Mar. 10	5:30 p.m.	FCC Board Meeting @ Civil & Environmental Consultants, Inc.
Mar. 19	11:30 a.m.	Program: TBA
Mar. 20	5:00 p.m.	Deadline for April <i>Columbus Engineer Newsletter</i>
Mar. (TBA)		District Science Day @ CSCC
Apr. 14	5:30 p.m.	FCC Board Meeting @ Civil & Environmental Consultants, Inc.
Apr. 15	5:00 p.m.	Deadline for May <i>Columbus Engineer Newsletter</i>
Apr. 16	11:30 a.m.	Program: TBA
May 12	5:30 p.m.	FCC Board Meeting @ Civil & Environmental Consultants, Inc.
May 20	5:00 p.m.	Deadline for June <i>Columbus Engineer Newsletter</i>
May 21	6:30 p.m.	Chapter Officer Installation / Awards Dinner
June 9	5:30 p.m.	FCC Board Meeting @ Civil & Environmental Consultants, Inc.
July (TBA)		FCC Budget Meeting – Location to be announced

Civil & Environmental Consultants, Inc.

Address: 250 Old Wilson Bridge Rd - Suite 250, Worthington, OH 43085

WHERE DO I GET MORE INFORMATION?

OSPE-FCC President E-mail & Phone:	ddoherty@cecinc.com	(614) 359-6321 c
OSPE-FCC WEBSITE	www.fccospe.org	
OSPE WEBSITE:	www.ohioengineer.com	
NSPE WEBSITE:	www.nspe.org	
To volunteer to help with <i>MATHCOUNTS</i> :	benjamin_brown68@yahoo.com	(614) 519-8978
To volunteer to help with <i>Science Day</i> :	yogesh.rege@terracon.com	(614) 863-3113
To volunteer to help with <i>OSU Student Chapter</i> :	mccarthy.226@osu.edu	(614) 247-1561
To volunteer to help with <i>Imagine Engineering</i> :	devon_seal@gspnet.com	(614) 221-0678
FCC Luncheons / Programs:	ebriedis@cecinc.com	(614) 468-6222
New Members / Membership Application	www.nspe.org or www.ohioengineer.com	(614) 223-1144



**2019-2020 OFFICERS,
TRUSTEES & COMMITTEE CHAIRS**

	Name	Phone # (w) or (h)	Cell Phone #	E-mail Address
President	Dustin Doherty, PE, CPESC	614-310-2075 (w)	614-359-9321 (cell)	ddoherty@cecinc.com
Vice President/Pres. Elect	TBD			
Chapter Secretary	Baba Yahaya, PE	614-863-3113 (w)	614-517-7864 (cell)	Baba.Yahaya2@terracon.com
Treasurer	Steve Day, PE	614-876-7525 (w)	614-531-2858 (cell)	lday1@columbus.rr.com
Past President	Ben Brown, PE	614-818-4900 (w)	614-519-8978 (cell)	ben.brown@ibigroup.com
Administrative Assistant	Dawn Morrison	614-328-5148 (w)	614-313-3814 (cell)	dawn.morrison@terracon.com
	NEW FCC-OSPE Website			www.fccospe.org
OSPE Executive Director	Tim Schaffer	614-223-1144 (w)		exec@ohioengineer.com
OSPE/EFO Staff	Pam McClure	614-223-1144 (w-OSPE)		admin@ohioengineer.com
	Holly Ross	614-223-1177 (w-EFO)		pr@ohioengineer.com
VICE-PRESIDENT	TRUSTEE/COMMITTEE	CHAIRPERSON	TELEPHONE	E-MAIL
Dustin Doherty, PE, CPESC	Vice-President	Dustin Doherty, PE, CPESC	614-310-2075 (w) 614-359-6321 (cell)	ddoherty@cecinc.com
	Programs/CPD/Activity	Erik Briedis, PE	614-468-6222 (w) 513-265-4938 (cell)	ebriedis@cecinc.com
	Membership	Dustin Doherty, PE, CPESC	614-310-2075 (w) 614-359-6321 (cell)	ddoherty@cecinc.com
	Young Engineer Trustee	Dustin Doherty, PE, CPESC	614-310-2075 (w) 614-359-6321 (cell)	ddoherty@cecinc.com
	Retired Engineers Trustee	TBD		roneifert@aol.com
	PEHE Trustee	Tim McCarthy, PE	614-315-9551 (cell) 614-247-1561 (w) 614-670-1175 (cell)	mccarthy.226@osu.edu
	OSU - Student Chapter Liason	Tim McCarthy, PE	614-247-1561 (w) 614-670-1175 (cell)	mccarthy.226@osu.edu
Yogesh Rege, PE	Vice-President	Yogesh Rege, PE	614-328-5137 (w) 304-951-7874 (cell)	yogesh.rege@terracon.com
	Science Day (District)	Yogesh Rege, PE	614-328-5137 (w) 304-951-7874 (cell)	yogesh.rege@terracon.com
	Scholarship	Joe Sullivan, PE	614-486-4383 (w) 614-561-5447 (cell)	joesullivan@stantec.com
	Columbus Engineer - Editor	Howard Jones, PE	614-209-3289 (h) 614-209-3289 (cell)	hrjones63@yahoo.com
	Engineers Week	CR Weaver, PE	614-645-7100 (w) 614-946-2961 (h)	CRWeaver@columbus.gov
	Engineer For A Day	Charles Ohrstedt, PE	614-937-1512 (cell)	mohrstedt@sbcglobal.net
	PEG Trustee	Ron Trivisonno, PE	614-328-5137 (w) 614-395-7098 (cell)	ronald.trivisonno@terracon.com
Erick Briedis, PE	Vice-President	Erik Briedis, PE	614-468-6222 (w) 513-265-4938 (cell)	ebriedis@cecinc.com
	MATHCOUNTS Chair	Ben Brown, PE	614-818-4900 (w) 614-519-8978 (cell)	ben.brown@ibigroup.com
	Awards/Citations	Tina Sutermeister, PE	740-964-0828 (h) 614-537-7660 (cell)	tsuterm@embarqmail.com
	Legislative	Steve Day, PE	614-876-7525 (w) 614-531-2858 (cell)	lday1@columbus.rr.com
	PEI Trustee	Richard Smelker, PE	614-933-2236 (w)	rdsmelker@aep.com
	EFO Liaison	Steve Day, PE	614-876-7525 (w) 614-531-2858 (cell)	lday1@columbus.rr.com
	Chapter Directory	Erik Briedis, PE	614-468-6222 (w) 513-265-4938 (cell)	ebriedis@cecinc.com
Mehrdad Rowhani, PE	Vice-President	Mehrdad Rowhani, PE	614-328-1197 (w) 773-517-1036 (cell)	Mehrdad.Rowhani@terracon.com
	Imagine Engineering Contest	Devon Seal, PE	614-221-0678 (b) 614-208-6986 (cell)	devon.seal@greshamsmith.com
	Auxiliary Trustee	Barbara Fuller	614-880-9221 (h)	bfuller@columbus.rr.com
	OSPE Director	Kevin Ernst, PE	(614) 863-3113 (w) (614) 203-1199 (cell)	Kevin.Ernst@terracon.com
	Constitution & By-Laws	Devon Seal, PE	614-221-0678 (b) 614-208-6986 (cell)	devon.seal@greshamsmith.com
	PEPP Trustee	Liz Barrow, PE	614-793-7796 (w) 502-417-9756 (cell)	Liz.Barrow@terracon.com
	PEPP Trustee	S. Rao Chitikela, PE	412-310-9452 (cell)	srao.chitikela@gmail.com
	PEC Trustee	TBD		



FIRST CLASS

OHIO SOCIETY OF
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