



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

Baba Yahaya, P.E.
– FCC President



The 2021 OSPE-FCC fiscal year is off to a great start as we are making progress in are planned activities.

We continued to engage with the OSU Student Chapter of OSPE. FCC's Young Engineer Trustee, Colleen Konsavage, in collaboration with the student chapter, organized a student/professionals virtual mixer event in August. The event included a presentation on the PE licensure process, networking and online trivia game play. I was honored to attend the Student Chapter's first official meeting for new club members in September. I was encouraged by their enthusiasm in reviving their chapter and pledged our continuous support to the chapter and their activities.

We continue to strive to provide continuing professional development (CPD) hour programs for the benefit of the engineering community. We thank James Wolf and Morgan Love, both from AEP, for presenting on the topic "Strategies for Learning through the Deployment of New Grid Technologies" at our September CPD program. We have secured presenters for some of our scheduled future programs and continue to seek more presenters to fill the remainder. Our programs are typically an hour-long program and occur the third Thursday of months in which they are scheduled. Presentation topics are desired to be on ethics, technical, or managerial as they relate to engineering. If you will like to present

at one of our programs, please contact me at Baba.yahaya2@terracon.com or our Programs Committee Chair, Dustin Doherty at ddoherty@cecinc.com.

Finally, I would like to recognize our corporate sponsors for responding to the call once again to support our chapter this year.

We truly thank you!



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OSPE-FCC October Virtual Program

Date: Thursday, October 21, 2021

Location: Zoom Meeting, 12:00pm -1:00pm

Registration – Registration closes at 5:00 pm, October 18, 2021

Visit www.fccospe.org to register on online.

Be sure to include your membership number.

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October Program, continued -



After registration is closed and prior to the presentation a Zoom link will be sent to the registrants.

Cost: Cost \$10.00, Members of NSPE and members OSPE/FCC are free.

Title: “Leveraging “Smart” Technology to Maximize Use of Public Parking in Historic District”

Abstract: The City of Westerville, Ohio was settled in 1809 and founded in 1858. Although now one of the largest suburban communities to Columbus, Westerville began with its own downtown, known as “Uptown,” located a block from then-Otterbein College. Uptown Westerville was the site of the Anti-Saloon League, an organization that established their headquarters in town to chart the course toward Prohibition.

Uptown Westerville is now a historic district with charming shopping, dining, entertainment, and retail. The demand for public parking to reach these destinations has increased steadily over the years. Major events, like Westerville’s 4th Fridays, bring thousands of visitors to the district to explore the old-generation downtown that promises new-generation fun and features.

Residents, merchants, and visitors adopted the idea that parking was scarce, primarily at the storefront entry. Parking counts and walk-to-shop sites were less than persuasive. Ultimately, City staff recommended a technology solution to study and evaluate the supply and demand realities of public parking in the district.

The Uptown Smart Parking pilot has paired technology with asphalt in the installation of over 350 sensor “pucks” in four Uptown lots. The “pucks”

collect data on lot usage and allow real time space availability to be shared with users of a smartphone app. Along with a robust signage program, the data is the process of mass collection to inform parking requirements as the district continues to thrive, and to grow.



Biography: Scott Tourville has served as the City Engineer for Westerville, Ohio since 2018. Prior to that, he was the City Engineer for Pickerington, Ohio for nearly five years and was a staff engineer at Westerville from 2007-2013. He holds a Bachelor of Science in Civil Engineering from Rose-Hulman Institute of Technology and a Master of Science in Public Administration from Central Michigan University.

In his current role he leads a team of nine total engineering staff serving the city, including design and construction of Capital Improvement Projects, oversight of private site development, traffic, right of way management, and other related activities.

When not at work, Scott enjoys spending time with his family and friends, being outside golfing or fishing, and working out.

Biography: Jennifer Alford is a civil engineer with more than 24 years of design and analysis experience in traffic, highway, and site/civil engineering. She holds professional licenses as Professional Engineer and Professional Traffic Operations Engineer. Jennifer has served as the City of Westerville's Traffic Engineer since December 2017, where her role involves being a problem solver, human psychologist (understanding people's interesting driving habits) and an integral part of the city design team to develop safe and people-friendly environments.



– Continued, Page 3

October Program, continued -

Her current projects include Westerville's Strategic Mobility Plan, COTA//Plus, Smart Parking, along with signage, intersection, signals, speed limit, and multi-mode integration management. She currently serves as co-chair of MORPC's Active Transportation Committee. Jennifer has been involved with many engineering organizations over the years - including the American Society of Highway Engineers, American Society of Civil Engineers, Women's Transportation Seminar, and Engineers Without Borders. In 2006, she was named the Ohio Young Engineer of the Year by the Ohio Society of Professional Engineers for the State of Ohio and Franklin County and served the Engineers' Club of Columbus as president in 2006-2007. She is a graduate of the Ohio State University.

A certificate for 1 hour of Professional Development for attending the program will be emailed to you.



3,700 DOT workers head back to work after Congress passes short-term highway funding



The Senate on Saturday approved a temporary extension to fund the federal highway program. The move ends temporary furloughs for 3,700 employees at the Department of Transportation.

The furloughs kicked in Friday after the House of Representatives failed to pass the \$1 trillion bipartisan infrastructure bill.

Before adjourning Friday, the House passed the temporary extension, and the Senate approved the measure Saturday afternoon.

A department spokesperson said agency officials were taking "every step we can to mitigate the impacts of this temporary lapse in authorization."

But the failure to pass the bipartisan infrastructure bill, which House Democrats remain divided over, is still causing frustrations. The American Association of State Highway and Transportation Officials criticized Congress' failure to pass the bill in a statement, calling it "unacceptable."

"Yesterday's inaction on the Infrastructure Investment and Jobs Act isn't just disappointing — it lapses our highway, transit, and highway safety programs and halts work on vital transportation infrastructure around the country," Jim Tymon, the organization's executive director, said.

"We are dealing with very real repercussions," he added. "Thousands of federal employees at USDOT are being furloughed and \$50 billion of federal surface transportation programs supported by the Highway Trust Fund are being suspended. This is unacceptable."

(Excerpted from NSPE DAILY DESIGNS, October 4, 2021)



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Congress Votes to Avert Shutdown, Adds \$29B for Post-Disaster Rebuilds

Biden signs measure into law, hours before deadline. With a deadline looming, Congress Sept. 30 approved a spending package that temporarily averted a shutdown of most federal agencies, including many construction programs, and provides nearly \$29 billion in emergency funds to help states recover and rebuild after Hurricane Ida and other natural disasters.

Final congressional action on the legislation came with the House's approval on a 254-175 vote. The action came just hours before the midnight end of the 2021 fiscal year, when the funding was due to lapse.

Earlier in the afternoon, the Senate cleared the measure by a 65-35 vote. President Joe Biden signed the bill into law in the evening.

Still unsettled is the fate of the federal highway and transit program authorizations, which also are slated to expire at midnight Sept. 30.

Those reauthorizations are part of a separate \$1-trillion infrastructure bill awaiting approval by the House. The new House- and Senate-approved package includes a continuing resolution, or CR, to keep the agencies operating.

House Appropriations Committee Chair Rosa DeLauro (D-Conn.) said in a statement that "this bill is not a permanent solution." DeLauro added, "I look forward to soon beginning negotiations with my counterparts across the aisle and across the Capitol to complete full-year government funding bills that reverse decades of disinvestment."

So far, the House has approved nine of the 12 individual appropriations bills for 2022. The Senate has approved none of the measures yet.

Construction groups have long preferred full-year appropriations bills, or months-long temporary spending measures, to short CRs.

Of the package's \$28.6 billion in emergency post-disaster aid, the US Army Corps of Engineers civil works programs is set to receive \$5.7 billion. Of that, \$3 billion will go to accelerate construction of Corps flood and storm-damage reduction projects. Half of the \$3 billion is allocated to states with declared major disasters from Ida.

The new spending package also includes \$2.6 billion for the Federal Highway Administration's emergency relief program. It reimburses states for



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Congress, continued -

the costs of repairing major highways and bridges and other highway-related purposes, such as debris removal.

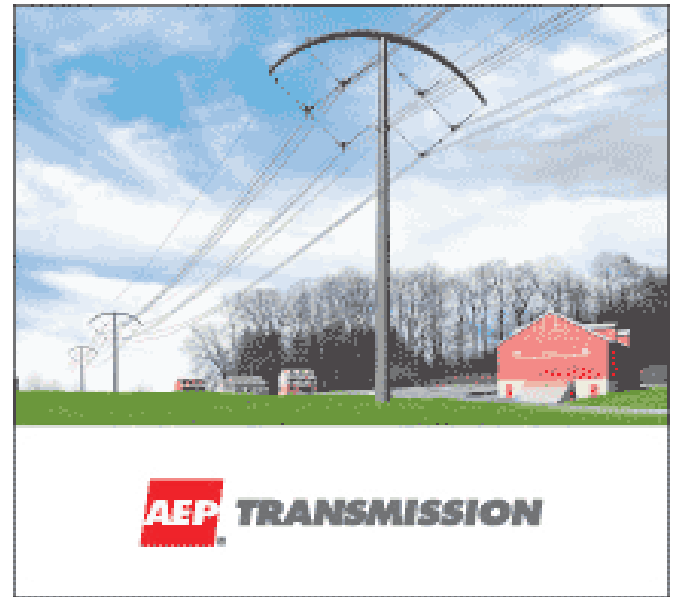
Moreover, the new measure has \$5 billion for Housing and Urban Development Dept. Community Development Block Grants for recovery from disasters that occurred in 2020 and 2021. Those grants can be used to restore housing and infrastructure, as well as for economic recovery and mitigation work.

The House had approved a similar spending bill on Sept. 21, but that version also included a provision to suspend the U.S. debt limit.

That measure stalled in the Senate, where Minority Leader Mitch McConnell (R-Ky.) was adamantly opposed to including the debt limit language in the CR.

Senate Majority Leader Chuck Schumer (D-N.Y.) eventually stripped the debt limit provision from the new CR legislation.

(Excerpted from NSPE DAILY DESIGNS, October 1, 2021)



Business card for Daniel J. Lauletta, CFP, LUTCF, CLU, ChFC, AEP. Financial Planner | Legacy Planning Team. Contact info: office 440.857.3042, cell 440.319.0739, dlauletta@financialguide.com, 2012 W. 25th Street, Suite 900, Cleveland OH | 44113. Includes social media icons and skylightfinancialgroup.com.



2021-2022 CALENDAR

DATE	TIME	DESCRIPTION
Aug. 31	10:00 a.m.	Deadline for September Columbus Engineer
Sept. 14	12:00 p.m.	FCC Board Meeting @ CEC, Inc. and Virtual
Sept. 16	12:00 p.m.	Program: Strategies for Learning Through the Deployment of New Grid Technologies, with Presenters: James Wolf, Morgan Love - (Virtual)
Oct. 8	5:00 p.m.	Deadline for October Columbus Engineer
Oct. 12	12:00 p.m.	FCC Board Meeting @ CEC, Inc. and Virtual
Oct. 21	12:00 p.m.	Program: Leveraging "Smart" Technology to Maximize Use of Public Parking in Historic District, with Presenters: Scott Tourville, Jennifer Alford - (Virtual)
Nov. 4-5		EFO Fall CPD Conference
Nov. 8	5:00 p.m.	Deadline for November Columbus Engineer
Nov. 9	12:00 p.m.	FCC Board Meeting @ CEC, Inc. and Virtual
Nov. 18	12:00 p.m.	Program: Columbus Underground HPFF vs. XLPE Cables and Recent Applications, with Presenters: TBD - (Virtual)
Dec. 6	5:00 p.m.	Deadline for December Columbus Engineer
Dec. 14	12:00 p.m.	FCC Board Meeting @ CEC, Inc. and Virtual
Dec. 16	12:00 p.m.	Program: P&C Engineering 101: High Voltage Power Protection Basics, with Presenters: TBD - (Virtual)
Jan. 10	5:00 p.m.	Deadline for January Columbus Engineer
Jan. 11	12:00 p.m.	FCC Board Meeting @ CEC, Inc. and Virtual
Jan. 20	12:00 p.m.	Program: Space Resources and Additive Manufacturing: A Flexible Solution for Future Long-Duration Space Exploration, with Presenters: TBD - (Virtual)
Feb. TBD	8:00 a.m.	Regional MathCounts Competition @ CSCC
Feb. 14	5:00 p.m.	Deadline for February Columbus Engineer
Feb. 15	12:00 p.m.	FCC Board Meeting @ CEC, Inc. and Virtual
Feb. 24	11:30 a.m.	Program: E-Week Luncheon
Feb. 23	8:00 a.m. – 3:00 p.m.	Engineer for a Day Program
Mar. 2	5:00 p.m.	Deadline for March Columbus Engineer
Mar. TBD	8:15 a.m. – 4:00 p.m.	Ohio MathCounts Competition (OSPE, see www.ohioengineer.com)
Mar. 8	12:00 p.m.	FCC Board Meeting @ CEC, Inc. and Virtual
Mar. 17	12:00 p.m.	Program: TBD - (Virtual)
Mar. TBD		District Science Day @ CSCC
Apr. 7	5:00 p.m.	Deadline for April Columbus Engineer
Apr. 11	12:00 p.m.	FCC Board Meeting @ CEC, Inc. and Virtual
Apr. 21	12:00 p.m.	Program: The Grid of Tomorrow: IBRs and Microgrids for Power System Stability, with Presenters: TBD - (Possible Virtual)
May 5	12:00 p.m.	Deadline for May Columbus Engineer
May 10	12:00 p.m.	FCC Board Meeting @ CEC, Inc. and Virtual
May 19	6:30 p.m.	Chapter Officer Installation & Awards Dinner
May 30	12:00 p.m.	Deadline for June Columbus Engineer
June 14	12:00 p.m.	FCC Board Meeting @ CEC, Inc. and Virtual
June 16	12:00 p.m.	Program: TBD - (Possible Virtual)
July TBD	(TBA)	FCC Budget Meeting - Location to be announced

Civil & Environmental Consultants, Inc.
Address: 250 Old Wilson Bridge Road, Suite 250, Worthington, Ohio 43085

WHERE DO I GET MORE INFORMATION?

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FCC-OSPE WEBSITE:	www.fccospe.org	
OSPE WEBSITE:	www.ohioengineer.com	
NSPE WEBSITE:	www.nspe.org	
To volunteer to help with MATHCOUNTS:	benjamin_brown68@yahoo.com	(614) 519-8978
To volunteer to help with Science Day:	yogesh.rege@terracon.com	(614) 863-3113
To volunteer to help with OSU Student Chapter:	mccarthy.226@osu.edu	(614) 247-1561
To volunteer to help with Imagine Engineering:	devonseal1@gmail.com	(614) 208-6986
FCC Luncheons / Programs:	ddoherty@cecinc.com	(614) 359-6321
New Members / Membership Application	www.nspe.org or www.ohioengineer.com	(614) 223-1144



2021-2022 OFFICERS, TRUSTEES & COMMITTEE CHAIRS

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VICE-PRESIDENT	TRUSTEE/COMMITTEE	CHAIRPERSON	TELEPHONE	E-MAIL
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	OSPE Director	Tina Sutermeister, PE	740-964-0828 (h) 614-537-7660 (cell)	tsuterm@embarqmail.com
	Constitution & By-Laws	Devon Seal, PE	614-208-6986 (cell)	devonseal1@gmail.com
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	PEPP Trustee	Nathan Abele, PE	614-793-2226 (w) 614-746-7243 (cell)	Nabele@smeinc.com
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**OHIO SOCIETY OF
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FIRST CLASS



Happy Halloween