

State News for NSPE Members

President's Message



We have great plans to start getting folks more involved in events. I cannot wait until the Pandemic is finally at a point that all of us are safe to mingle...where hopefully we can shake hands, hug, and talk face-to-face (without masks). In the meantime, I appreciate everyone taking precautions and lowering the numbers of COVID-19 in Arizona.

MATHCOUNTS is underway and I have to give a huge shout-out to Curtis Krausman, P.E., for taking on the responsibility as the State Coordinator again. He has been such a great leader to continue the MATHCOUNTS program for the Papago, Central, Yuma, and Southern Branches. We are hopeful for the Northern Branch to start up again sometime soon (hint: Anyone interested?).

I don't know about you, but I feel like my virtual meeting capabilities have expanded into a whole new realm of experience and we are excited that ASPE will have a virtual booth at the *ACEC 2020 Arizona Virtual Conference on Roads & Streets*, scheduled for **September 22-25**, 2020. Follow us at www.acecaz.org/roads-and-streets/.

Hope you and your family are staying safe and healthy!

Respectfully,



Karl G. Obergh, P.E. (Civil)
President, NSPE-AZ

Arizona Transit Infrastructure Projects to Receive Share of \$400 million in Federal Funding

The US Department of Transportation's Federal Transit Administration (FTA) recently announced that \$400 million in federal funding will be allocated to four transit infrastructure projects in Arizona, Indiana, Missouri, and New Jersey.

The projects are advancing towards readiness to receive a Full Funding Grant Agreement under FTA's Capital Investment Grants Program. The projects must meet additional requirements in law before a grant can be awarded.

[Read more.](#)

NCEES Monitors Pandemics as October Exams Near

The National Council of Examiners for Engineering and Surveying is closely monitoring the impact of COVID-19 on the October 2020 pencil-paper exam administration. All exam site locations are currently proceeding with reduced capacity restrictions in place. Changes to state and local requirements that further reduce capacities for groups and events may impact the number of examinees that are able to test at a specific site. NCEES will continue to monitor these changes between now and exam day.

NCEES is aware that capacity restrictions are preventing many examinees from being able to register for the October exam administration. In order to accommodate as many examinees as safely as possible, NCEES has moved up the transition to computer-based testing for the PE Electrical and Computer: Power exam (registration is open with appointments starting on December 1) and will offer a regional pencil-paper exam administration in January for PE Civil examinees.

Phoenix to Host Regional Pencil-Paper PE Civil Exams in January

To accommodate as many pencil-paper examinees as safely as possible, NCEES has added a regional exam administration in several locations on January 26, 2021, exclusively for PE Civil examinees. Registration for the regional PE Civil exam administration will open November 1, 2020, and close December 13, 2020, at 3 p.m. (EST).

The exam will be administered in **Phoenix** and the following cities: Pomona, California; Denver, Colorado; Hartford, Connecticut; Orlando, Florida; Topeka, Kansas; Minneapolis, Minnesota; Raleigh, North Carolina; Cleveland, Ohio; Houston, TX; and Seattle, Washington. Additional cities may be added before registration opens.

Examinees who are located outside of these states should check with their state licensing board prior to registering to determine their eligibility to test outside of their jurisdiction.

[Access nces.org](https://nces.org) for exam updates.

House Panel Considers Rural Energy Aid Bill Sponsored by AZ Congressman

Legislation meant to assist rural electric cooperatives received its first review by the US House Energy and Commerce Committee on Sept. 9. The Expanding Access to Sustainable Energy (EASE) Act ([H.R. 4447](#)), sponsored by Rep. Tom O'Halleran (D-AZ), would direct the Department of Energy to provide grants and assistance to cooperatives based in rural areas, according to a *Transport Topics* article. Such support from the department would guide the development of storage and microgrid projects that use renewable energy.

[Read more.](#)

Upcoming Licensing Board Meeting

The Arizona State Board of Technical Registration will hold its next meeting on Tuesday, **September 22**. The meeting agenda can be accessed [here](#). Individuals that want to attend the meeting remotely must make a request in advance.

The board uses Google Meetups for its remote meetings, which requires the meeting host to invite members to participate. Contact Kurt Winter at kurt.winter@azbtr.gov if you're interested in attending remotely.

Featured Job

[Performance Engineer IV](#)

Benson, AZ

Find more job openings or reach the right employees on the [NSPE Job Board](#).

Stay up to date on legislative issues through the [NSPE Advocacy Center](#).

Society Releases Policy Guide on Emerging Tech, Public Safety

A new NSPE policy guide has added the professional engineer's voice to the growing conversation around the safe development and deployment of emerging technologies. The guide's safety recommendations begin with the premise that the public's interests are best served when licensed professional engineers oversee the design, development, and/or deployment of emerging technologies.

NSPE's Emerging Technologies Task Force crafted the recommendations as a starting point for adopting standards that protect public safety and to provide guidelines to measure the safety readiness of technologies before they are deployed. The guide is intended for public policy decisionmakers, regulators, manufacturers, and others.

The Society strongly encourages the adoption of these recommendations and is available as a resource for information and drafting of regulations.

[Access the guide.](#)

Nominations Open for Federal Engineer of the Year Award

Honoring the commitment of federal engineers to innovation and service is the hallmark of the [Federal Engineer of the Year Award](#). Nominations for the award, which attracts participation from more than a dozen federal agencies, are open until **October 31**.

The FEYA ceremony is scheduled for February 18, 2021, at the National Press Club in Washington, D.C. Tickets will be available for sale in January and [sponsorship opportunities](#) are available.

Timothy Sullivan, P.E., who has brought mechanical, civil, and environmental engineering expertise to the Air Force Civil Engineer Center in San Antonio, Texas, was named the 2020 FEYA winner. Sullivan developed the first-ever comprehensive execution guidebook to support \$604 million in nationwide construction, and as part of that three-year project, he crafted a project risk management process to identify vulnerabilities of construction projects greater than \$5 million.

[Apply or nominate a worthy engineer today.](#)

Upcoming Webinars: Traffic Signals, Forensic Engineering, Communications Skills, Vintage Trolley Cars, Design Safety



NSPE's **PE Institute** helps members stay current in the profession, earn PDHs, and advance in their careers through webinars on important topics. The webinars are held at 2:00 p.m. – 3:00 p.m. EST at a member price of \$99 (\$129 for nonmembers).

September 23

[The Physics of the Yellow Traffic Signal: ITE's First Recommended Practice](#)

The webinar will focus on the Institute of Transportation Engineers' first recommended practice for calculating the duration of the yellow traffic signal.

Presenter: Brian Ceccarelli, P.E.

September 30

[So, You Want to Launch a Forensic Engineering Consulting Practice](#)

Forensic engineers can operate as sole proprietorship, partnerships, professional corporations or be part of a multifaceted forensic engineering company or one of the many national forensic engineering investigation firms. This session addresses the opportunities for engineers interested in performing forensic engineering services as well as the issues they will need to address.

Presenters: John Certuse, P.E., Michael Leshner, P.E., James Petersen, P.E., and Samuel Sudler P.E., F.NSPE

October 7

[The Four Languages of Influence](#)

Improve your influence by customizing your interactions to four distinct communication styles that will help make better connections.

Presenter: Roger Grannis

October 14

[Vintage/Heritage Trolley Cars in Transit Use: Past, Present, and Future](#)

The presentation will help attendees better understand the unique nature,

challenges, and opportunities of vintage and heritage trolley cars in actual public transit use in the modern age, including vehicle engineering support and technical assistance, for these vehicles.

Presenter: Matthew Nawn, P.E., PMP

October 21

[Too Many Crashes at Your Roundabout? Learn Design Techniques to Optimize Safety](#)

This presentation will discuss how design safety principles affect how drivers receive and process information. For optimal safety and operations, the roundabout design must simplify decision-making and provide clear, concise information as to the correct way to drive the roundabout.

Presenter: Mark T. Johnson, P.E.

[Visit NSPE's PE Institute.](#)

You received this e-mail because you are subscribed to *PE Matters* e-newsletter.

To update your e-mail address, visit www.nspe.org and login to manage your account.

If you do not wish to receive any more issues of *PE Matters*, [click here to unsubscribe](#) .

Share with your network



**National Society of Professional Engineers | 1420 King Street | Alexandria, VA
22314**

