

State News for NSPE Members

Transitways Lead to Regional Economic Gains, Study Says

Transitway investment adds considerable economic value to metropolitan regions, including the Twin Cities area, and it increases access to the places people need to reach to prepare for, get, and keep a good job, according to a [new study](#) from the University of Minnesota's Humphrey School of Public Affairs. "The higher the proportion of fixed-guideway transit in a regional network, the higher the GDP and job growth," says principal investigator Yingling Fan.

The team found that more extensive fixed-guideway transit systems (such as those in the Twin Cities and Denver) not only increase access overall to employment, education, and workforce development opportunities, they also provide more equitable access for people of color and residents of areas with concentrated poverty.

MN Job Alert

From the NSPE Job Board

- [Director of Engineering](#), City of Waseca
- [Pro Services Support Technician](#), EcoWater Systems LLC
- [Assistant Professor of Management of Information Systems \(MIS\) and Operations Management \(OPS\)](#), Winona State University

Visit the [NSPE Job Board](#) to find more job opportunities or find the employee you need.

Community Solar: Yea or Nay?

The state's community solar program is the largest in the country and continues to

grow. So, too, does the political pressures against it. Read more from [Energy News](#).

We Want to Hear from You!

Do you know of engineering news in Minnesota that would be great for this newsletter? Maybe it's a project you or your firm is working on, or perhaps you read some interesting engineering news in your local newspaper. Or maybe you know of a fellow PE or student who deserves a little recognition. If so, we want to hear from you. Email your ideas to pemagazine@nspe.org.

NSPE Urges Veto of Structural Engineering Bill

In a letter to Georgia Governor Brian Kemp, NSPE encouraged the veto of a bill to establish a separate licensing system for structural engineers.

President-Elect Tricia Hatley, P.E., F.NSPE, wrote that creating a new licensing system for structural engineering does not improve the public health, safety, or welfare. "Instead, it muddies the water, creating confusion and requiring regulatory authorities to make arbitrary distinctions to define structural engineering," she added. "Rather than reducing regulatory burdens, the change would add a new layer, requiring one engineer to obtain multiple licenses in order to do work that, previously, required only one."

Instead of creating a separate licensing system, NSPE recommends a certification process that occurs after the professional engineering license has already been obtained. "This system would allow for the SE designation, if required or requested by potential employers or RFPs, without drawing the same, hard line between structural and other types of engineering," Hatley wrote.

[Read the full letter.](#)

Take Action on Federal Infrastructure Bills

You have an important opportunity to add your voice to the debate around pending infrastructure legislation.

The first two bills are the House and Senate's surface transportation infrastructure reauthorization bills—The INVEST in America Act ([H.R. 2](#)) and the America's Transportation Infrastructure Act of 2019 ([S. 2302](#)). This is an opportunity to communicate to members of Congress the importance and value of having PEs involved in engineering decisions to protect the public health, safety, and welfare.

[Take action on surface transportation reauthorization!](#)

The third bill, the SMART Infrastructure Act ([H.R. 4687](#)), would take decision-making authority away from professional engineers and instead give it to state and local authorities, allowing them to select “appropriate” construction materials. The bill would establish that these entities would have the flexibility to select appropriate construction materials that meet the performance requirements of the contract and enhance the service life, sustainability, and resiliency of the project.

NSPE opposes this bill because its enactment would prevent PEs from making the final decision on the appropriate construction materials for a project. Additionally, it establishes a federal interagency task force charged with deciding whether state and local procurement practices have artificial barriers to competition for new and innovative materials and recommending actions that can be taken to remove barriers. Their decisions could put the public at risk should these new and innovative materials present unforeseen harms to the public.

[Voice your opposition to H.R. 4687!](#)

Celebrate PE Day!

NSPE is celebrating licensed professional engineers with the [fifth annual Professional Engineers Day](#) on Wednesday, **August 5**. Join the Society in raising awareness about what it means to be a PE and showing appreciation for the work they do every day.

In lieu of in-district meetings with legislators, like those conducted last year, NSPE members will be able to participate in a series of panel discussions. The discussions will include members of Congress and/or their staff, who will share information on pending legislation that impacts the engineering profession. NSPE members will have opportunities to ask questions and to take action on the bills that are discussed by the panel.

PE Day falls within the week of the Virtual **PECon** (August 3–7). As a highlight of PE Day, NTSB Chairman Robert Sumwalt III, will discuss [“The Role and Responsibility of Professional Engineers in Ensuring Safety of Our Nation’s Infrastructure.”](#) His presentation will touch on the NTSB’s recommendation for eliminating the PE license exemption for public utility work, and the requirement for a professional engineer’s seal on public utility engineering drawings, stemming from the tragic pipeline explosions and fires in the



Merrimack Valley of Massachusetts.

IBM's Global Chief Technology Officer Ben Amaba, is also featured as a keynote speaker and will cover the [professional engineer's role](#) in artificial intelligence and technology.

[Register for the Virtual PECon.](#)



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