

## State News for NSPE Members

### Coming Soon! Nominations for Engineer of the Year and Young Engineer of the Year

Nominations for the Engineer of the Year and Young Engineer of the Year candidates will be accepted beginning in November.

Nomination forms will be available on the Hawaii Council of Engineering Societies website at <http://hceshawaii.org/>. The award winners will be recognized during the Engineer's Week Banquet in February of 2021.

NSPE-HI members can also contact Kurt Kunimune at [kkunimune@bowersandkubota.com](mailto:kkunimune@bowersandkubota.com) with any questions or to request nomination forms.

Nominations will be due by **December 30**, 2020. Mahalo!

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### HI Oks Autonomous Vehicles for Public Roads

Just weeks after committing to a four-year long pilot project to turn Hawaii's highways into data-collecting laboratories, Governor David Ige approved autonomous vehicle testing on public roads throughout the state until at least 2023, according to the *State Scoop*.

The policy ([H.B. 2590](#)) makes Hawaii the 29th state to legislate autonomous vehicle testing, according to the National Conference of State Legislatures, but it's been a long time coming for Ige, who first signed an executive order in 2017 to establish an administrative role in the governor's office to act as a liaison between AV manufacturers and the state.

[Read more.](#)

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### State DOT Announces Award for Phase 2 of the Harbors Modernization Project

The Hawaii Department of Transportation recently announced that the Kapalama Container Terminal Phase 2 project has been awarded to Kiewit Infrastructure West which will complete the cornerstone project for the Harbors Modernization Plan. The awarded contract of \$350 million features the waterside construction at Piers 40-43 in Honolulu Harbor that will add 18.5 acres of fast-land, including 1,860 linear feet of new berthing space for two container ships to dock simultaneously and up to six gantry cranes.



*(Aerial view of the Kapalama Container Terminal project site. Credit: Hawaiiit Department of Transportation)*

The project is the largest capital improvement project in Hawaii harbors history. It will increase operational efficiency, provide better resiliency of critical maritime infrastructure, and significantly reduce traffic on surrounding roadways.

“This project is proceeding at a critical time when our state needs it most as we continue fighting COVID-19 and its impacts,” said Governor David Ige. “The work will be performed by local talent and infuse hundreds of millions of dollars into the local economy, in addition to improving our harbor system that will benefit the state for decades to come.”

The project work includes dredging along the waterfront and up to the federal channel and widening of the water basin between Piers 40 and 41, which will create important barge berthing space along Pier 41. This phase 2 project will address sea level rise by increasing the pier height that will match the phase 1 elevated backlands in construction. The project construction is scheduled to start in spring 2021 and is estimated for completion in the winter of 2023.

[Read more.](#)

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## **Are You the Next Federal Engineer of the Year?**

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.

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

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

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## NSPE President Warns Against Broad-Brush Licensing Reform



NSPE President Tricia Hatley, P.E., F.NSPE, recently challenged an opinion piece that advocates making temporary licensing deregulation permanent, measures that were enacted in response to the COVID-19 pandemic.

In a letter to the editor of the *Oklahoman*, Hatley warns that efforts to weaken licensing, however well-intentioned, make no distinction for highly complex, technical professions. This is a critical distinction that broad-brush proposals like those referenced in the article fail to make—and puts thousands of lives at risk in Oklahoma and elsewhere.

She also states that professions like engineering, architecture, accounting, landscape architecture and surveying are responsible for the safety of our physical spaces and the integrity of our financial systems. Because of this, they are required to meet rigorous standards based on education, experience, and examination to demonstrate a minimum qualification level.

[Read more.](#)

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## An Adventure to the Moon with Future City

Future City is a project-based learning program where middle school students imagine, research, design, and build cities of the future. This year's Future City theme is "Living on the Moon." Teams will be challenged to design a lunar city and provide examples of how their city uses two moon resources to keep citizens safe and healthy.



Due to COVID-19, Future City [transitioned this year's program into a virtual format](#) to offer impactful volunteer opportunities you can do from the comfort of your home or office.

### Inspiring the Next Generation

Kay Bailey is a senior research and development engineer currently working on an innovative mechanical device that relieves back pain and pressure. She knows firsthand the added challenges in academia—and professional settings—when few people look like you. “When I was a middle school student, I didn’t see many examples of African Americans doing engineering,” she says.



This inspired Kay Bailey to volunteer as a Future City mentor in a predominantly African American school in Milwaukee. “I wanted to do whatever I could to show these students that it’s okay to be interested in engineering. Right away I could tell Future City would be a great way to get involved.”

Over the last two years, Bailey has loved working with these young scholars. Sometimes she helps them shape their creative ideas or explains STEM concepts, and other times they simply want to hear about what she is working on at her job. “I want these young people to be encouraged to pursue whatever they want.”

If, like Kay Bailey, you’re interested in inspiring the next generation, you can sign up to be a mentor by [clicking here](#) or email [Info@FutureCity.org](mailto:Info@FutureCity.org) with any questions. This year, the program (including mentoring) will be virtual.

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## Upcoming Webinars: Roundabout Design Safety, the Engineering Team



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).

### October 28

#### [Put Me in Coach! The Engineering Team from Concept to Completion](#)

Within the construction industry, engineering-based decisions are made by professional engineers closely engaged with technicians. Working as an efficient team, a project moves smoothly and is successfully completed. A panel of PEs and technicians will share engineering best practices and approaches to overcoming technical challenges.

This webinar is **FREE** for members and non-members.

*Presenters: Kent D. Dvorak, P.E., Chip Hollis (moderator), William Kenneth Johnson, Jr., P.G., Shannon Looney P.E., and John W. Quidley S.E.T.*

### November 2

#### [Canon 1, NSPE Code of Ethics for Engineers: “Hold paramount the safety, health, and welfare of the public”](#)

This webinar will introduce you to four of the current members of the [NSPE Board of Ethical Review](#) (BER). Discussion will focus on four ethics cases that illuminate multiple aspects of Canon 1, to “hold paramount the safety, health and welfare of the public.” These cases are personal favorites selected by each BER member from the more than [600 opinions](#) the BER has published since the late 1950s.

*Presenters: Mark Dubbin, PE, FPE, Jeffrey H. Greenfield, Ph.D., P.E., BCEE, F. NSPE, David Kish, Ph.D., P.E., William D. Lawson, P.E., Ph.D., F. NSPE*

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