

State News for NSPE Members

Tennessee Needs at Least \$68B Worth of Infrastructure Improvements

Tennessee needs at least \$68 billion worth of public infrastructure improvements during the five-year period of July 2022 to June 2027—a \$5 billion (9%) increase from the year before—according to a new report by the Tennessee Advisory Commission on Intergovernmental Relations (TACIR), according to a [news release](#).

Health, safety, and welfare infrastructure needs increased by \$2 billion—37% of the overall increase in the total estimated cost of the inventory. Over half of this increase—\$1 billion—is needed for water and wastewater infrastructure improvements, including new projects and increases in the cost of existing projects.

Total estimated costs for current infrastructure needs fall into six general categories:

- Transportation and Utilities: \$35 billion
- Education: \$17 billion
- Health, Safety, and Welfare: \$11 billion
- Recreation and Culture: \$3 billion
- General Government: \$2 billion
- Economic Development: \$239 million

[Access the TACIR report.](#)

MTSU Engineering Students Receive \$1M Equipment Donation

Middle Tennessee State University Engineering Technology students can't wait for their new Applied Engineering Building to open next year and they're equally excited about more than \$1 million in equipment that may be available to them starting this fall, [according to the Rutherford County Source](#).

Chair Ken Currie said the Engineering Technology Department received transfer of ownership of 10 FLEXBASE automation work centers from Dexcom valued at almost \$920,000. The units were sold to Dexcom by La Vergne, Tennessee-based Automation Nth, who committed more than \$100,000 in supplies and services to upgrade the units.

Sophomore Daniel Wetter, a mechatronics engineering major from Murfreesboro, Tennessee, was among a group of students receiving a firsthand look at the equipment that will prepare them for the workforce. “It’s an exciting opportunity for engineering students to develop their skills with robotics for real-world industry experience and hands-on educational opportunities,” Wetter said. “I’m looking forward to the capabilities of our new building and the equipment that will allow us to further understand real-world robotics applications,” he added.

Currie said the equipment “will benefit all students within the engineering and technology programs at MTSU. These are totally integrated workcells with robotics, vision systems and controls that need to be programmed to meet project limitations and constraints.” [Read more.](#)

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

Registration Open: 2024 Spring Webinar Series

NSPE offers a live webinar series free to members—“Workability Wednesdays”—to support members with their professional development goals. The first webinars of the spring season will take place on **April 3**—[NSPE's Board of Ethical Review Presents: The Duty to Act](#); **April 17**—[Second Best Protection Against Risk](#); and **May 1**—[Enhancing Building Safety: Mitigating Risks of Slip, Trips, and Falls](#) (Celebration of National Building Safety Month).



Additional presentations will take place in May and June. Register now at [NSPE's PE Institute](#) and invite a colleague to attend.

NSPECon24 Sponsorships and Exhibitor Opportunities



Put your company or organization in front of senior executives and other decision-makers from across the engineering industry attending the [2024 Professional Engineers Conference \(NSPECon24\)](#) August 7-9, in Raleigh, North Carolina.

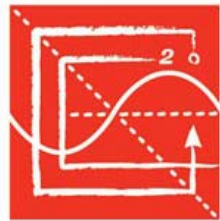
NSPE offers a variety of sponsorship packages to meet specific goals and budgets. A special exhibitor discount is being offered to Research Triangle-based businesses. Learn more about these opportunities in the [Sponsor and Exhibitor section of the conference website](#).

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EJCDC® Releases New Teaming and Joint Venture Documents

The Engineers Joint Contract Documents Committee has released new documents - EJCDC® E-580, Teaming Agreement to Pursue Joint Professional Services Opportunity and EJCDC® E-590, Joint Venture Agreement for Professional Services (2024 editions). NSPE members [will receive a 50% discount on the EJCDC documents](#).

The [E-580, Teaming Agreement to Pursue Joint Professional Services Opportunity](#) is intended for a collaboration between two design firms that have decided to join together to pursue an opportunity to obtain work. The [E-590, Joint Venture](#)

[Agreement for Professional Services](#) is a contract document in which two or more design firms agree to join together to provide specific professional services to a third party.

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