



T&DI CONNECTIONS

August 2022

KEY HIGHLIGHTS

- ICTD 2023 and Pavements 2023 Updates
- ICTD 2022 Proceedings Available 8/31
- Award Nominations Are Now Open
- Turner Lectures Coming in September

Letter from T&DI President David Noyce

The TRBG Approves!

One of the various roles the President and Vice President of T&DI fulfills is membership on ASCE's Technical Region Board of Governors (TRBG). Consisting of leadership from the ASCE Regions, and each Institute, TRBG among their many activities conduct peer reviews of each Institute of ASCE. At the August 12, 2022, TRBG meeting in Denver, CO, it was T&DI's turn to be reviewed by our ASCE TRBG peers.



David A. Noyce, Ph.D., P.E.,
F.ASCE, President, Transportation
& Development Institute (T&DI)
American Society of Civil
Engineers (ASCE)

[Read More](#)

INSTITUTE NEWS

Call for Submissions for ASCE's Transportation Conferences Now Open

Call for submissions is now open for the [ASCE International Conference on Transportation & Development \(ICTD 2023\)](#) and the [International Airfield and Highway Pavements Conference \(Pavements 23\)](#). Those interested in presenting will have the opportunity to submit abstracts specifically for either [ITCD 2023](#) or [Pavements 2023](#).

The deadline for submissions is October 13, 2022.



T&DI Welcomes TxDOT as a Partner for 2023 Transportation Conferences



The ASCE [Transportation & Development Institute \(T&DI\)](#) is pleased to announce the co-location of ASCE [International Conference on Transportation and Development \(ICTD 2023\)](#) and the [International Airfield & Highway Pavements Conference \(Pavements 2023\)](#), at the Hilton Austin in Austin, Texas from June 14-17, 2023. These conferences are being held in partnership with [Texas Department of Transportation \(TxDOT\)](#) and will include featured sessions organized by TxDOT as part of the program.

ASCE ICTD 2023 will be co-chaired by **Marc Williams**, Executive Director, TxDOT, and **Zhanmin Zhang**, Clyde E. Lee Endowed Professor, University of Texas at Austin. Pavements 2023 will be co-chaired by **Amit Bhasin**, Professor, and Director of the Center for Transportation Research, University of Texas at Austin; **Navneet Garg**, Program Manager, Federal Aviation Administration; and **Julie Vandenbossche**, William Kepler Whiteford Professor, University of Pittsburgh.

This unique international conference collaboration will provide an exclusive opportunity to network, interact, and exchange information with worldwide leaders in the fields of transportation & development and highway and airfield pavements. It will bring together transportation systems and infrastructure owners, practitioners, and researchers from around the world. We are currently accepting abstracts for these conferences under a variety of topics for podium and poster presentations (full papers are optional). Visit the conference websites to learn more and submit your abstract as soon as possible ahead of the **October 13** deadline.

Meet the T&DI Conference Co-Chairs

International Conference on Transportation and Development



Zhanmin Zhang

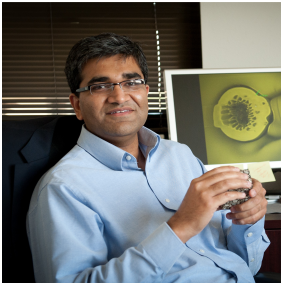
Clyde E. Lee Endowed
Professor,
University of Texas at
Austin



Marc Williams

Executive Director,
Texas Department of
Transportation

International Airfield and Highway Pavements Conference



Amit Bhasin

Professor, and Director of the Center for Transportation Research, University of Texas at Austin



Navneet Garg

Program Manager, Federal Aviation Administration



Julie Vandebossche

William Kepler Whiteford Professor, University of Pittsburgh

2022 ICTD-APM-ATS Proceedings Available 8/31

The 2022 conference proceedings for the International Conference on Transportation and Development and the 2022 Automated People Movers and Automated Transit Systems Conference will be available for download on August 31, 2022. Proceedings are free to conference attendees as an exclusive benefit of attending, but are also available for purchase for those unable to attend. Eligible conference attendees have until **10/31/2022** to claim their complimentary copy.

Your first step in accessing the online proceedings is to register with the [ASCE Library](#). If you're not already a registered ASCE Library user, register now so you can access the proceedings! Once you have claimed the proceedings, you can access the papers whenever you want.

The deadline to download a complimentary copy of the proceedings is October 31, 2022

[Access ASCE Proceedings Library](#)

Awards Season is Here

Awards season is in full swing and ASCE and T&DI are currently accepting nominations for 13 - yes **13** - awards! To access the rules, requirements, and nomination information, please click on either the picture or title of the award(s) below.

Nominations Due by October 1:



Walter L. Huber Civil Engineering Research Prizes

Honoring achievements in civil engineering research, named after former ASCE President Walter L. Huber.



Arthur M. Wellington Prize

For papers on transportation on land, on the water, in the air, or on foundations and closely-related subjects, not including contributions in the form of reports and manuals.



ASCE State-of- the-Art of Civil Engineering Award

For gifted practitioners who review and interpret the state-of-the-art for the benefit of their colleagues, scholarly review, evaluation, and documentation of the scientific and technical information needed by the profession.



Norman Medal



J. James R. Croes Medal

The scholarly review, evaluation, and documentation of the scientific and technical information needed by the profession. Recognizes a paper that makes contributions to either practical or research aspects of engineering disciplines.

Named in honor of the first recipient of the Norman Medal, John James Robertson Croes, Past President, ASCE. Nominations for this award are papers nominated for the Norman Medal.

Nominations Due by October 15:

Airfield Pavement Practitioner Award

To recognize practicing airfield pavement engineers who have demonstrated leadership or special achievements in airfield pavement projects, advanced airfield engineering, and have shown leadership in the development of younger member attitudes toward the profession.



Nominations Due by November 1:



Francis C. Turner Award

This award is based on the nominee's contributions to the advancement of the



Harland Bartholomew Award

Special contributions to the enhancement of the role of the civil engineer in urban



Frank M. Masters Transportation Engineering Award

Best example of innovative or noteworthy planning, design, or



James Laurie Prize

Contributions to the advancement of transportation engineering, in

knowledge and practice of transportation engineering.

planning and development. The contribution may be in the form of a paper published by the Society or personal efforts and achievements toward that goal.

construction of transportation facilities.

honor of ASCE's first president.



Wilbur S. Smith Award

Special commendation for contributions to the enhancement of the role of the civil engineer in highway engineering. The contribution may be made in the form of a paper published by the Society or by the recipient's personal efforts and achievements toward that goal.



Robert Horonjeff Award

This award recognizes contributions to the advancement of the field of air transportation engineering, special commendation for contributions to the field of air transport engineering, and the enhancement of the Society's activities in that field.



T&DI Outstanding Younger Member Award

To recognize T&DI's younger members who have made special contributions to the Institute, the profession, and their community.

Francis C. Turner Lectures Coming this September

Join T&DI and recent [Francis C. Turner Award](#) recipients Dr. Hai Yang, Ph.D, C.Eng, M.ASCE, and Dr. Eyad Masad, Ph.D, P.E., F.ASCE, for two virtual lectures this September.



Wednesday, September 14, 2022
12 PM - 1 PM ET

**Smart Travel Demand Management
in the Era of Smart Transportation**

Dr. Hai Yang, Ph.D, C.Eng,
M.ASCE

[Register for Sept. 14](#)



Wednesday, September 28, 2022
12 PM - 1 PM ET

**Advancing Asphalt Pavements
Through Mechanistic and
Microstructure Analysis**

Dr. Eyad Masad, Ph.D, P.E.,
F.ASCE

[Register for Sept. 28](#)

Younger Member News

Younger Member Spotlight - Maria Bassil



Growing up in Lebanon as the daughter of a Civil Engineer, Maria Bassil was inspired early in life to one day become an engineer herself. Observing Beirut's infrastructure problems at a young age, she developed an interest in math, physics, bridges, and roads; and she made it her mission to solve infrastructure problems with real world solutions for real world challenges.

She earned her B.E. in Civil and Environmental Engineering and M.S. in Environmental Engineering, both from the Lebanese American University. Maria was also selected to be part of the DSLIP internship with the Dubai Contracting Company. She moved to the U.S. to attend the University of Texas, Austin, where she's pursuing her Ph.D. in Transportation Engineering with a focus on emerging technologies like Artificial Intelligence (AI) and Connected Autonomous Vehicles (CAV). She's already developed a travel preference survey for the UT Austin community and is now working on creating a Travel Demand Model for the UT Austin campus with the ultimate goal of forecasting the transportation needs of the UT community. She also aims to make getting around campus in downtown Austin safer

and easier. She's interested in giving back to the Institute, connecting, sharing research, and finding a job that best suits her skills that she can thrive in.

Maria was the 2021 recipient of the Helene M. Overly Memorial Scholarship through the [WTS – Heart of Texas](#) organization and is President of the Student Chapter. She attended the 2022 International Conference on Transportation and Development (ICTD), which she described as a valuable experience and loved the smaller, more personalized discussions for their personalization, small crowds, and interesting topics, particularly Safety and AI.

Maria loves living in Austin and exploring the city, but she doesn't like the hot Austin summers. Her favorite places that she's discovered are [Mount Bonnell](#) and the [Oasis](#). She likes swimming, paddleboarding, and visiting National Parks; but doesn't like fruit (the texture). Her experiences have led her to live by the motto: ***“Work as if you would live forever and live as though you would die today.”***

Thanks for letting us feature you, Maria!

Maria is nearing graduation with a Ph.D. and is ready to find her dream job, particularly in safety and emerging technology. Do you share a common interest or do you know of an opportunity that Maria might be interested in? Connect with Maria via [LinkedIn](#).



A New and Improved LinkedIn Experience is Here

We've moved! We're making some changes to better serve you, including making our new page easier to find and to share information. Please follow us on our new [LinkedIn Showcase Page](#)!



ASCE NEWS

ASCE Innovation in Sustainable Engineering Award

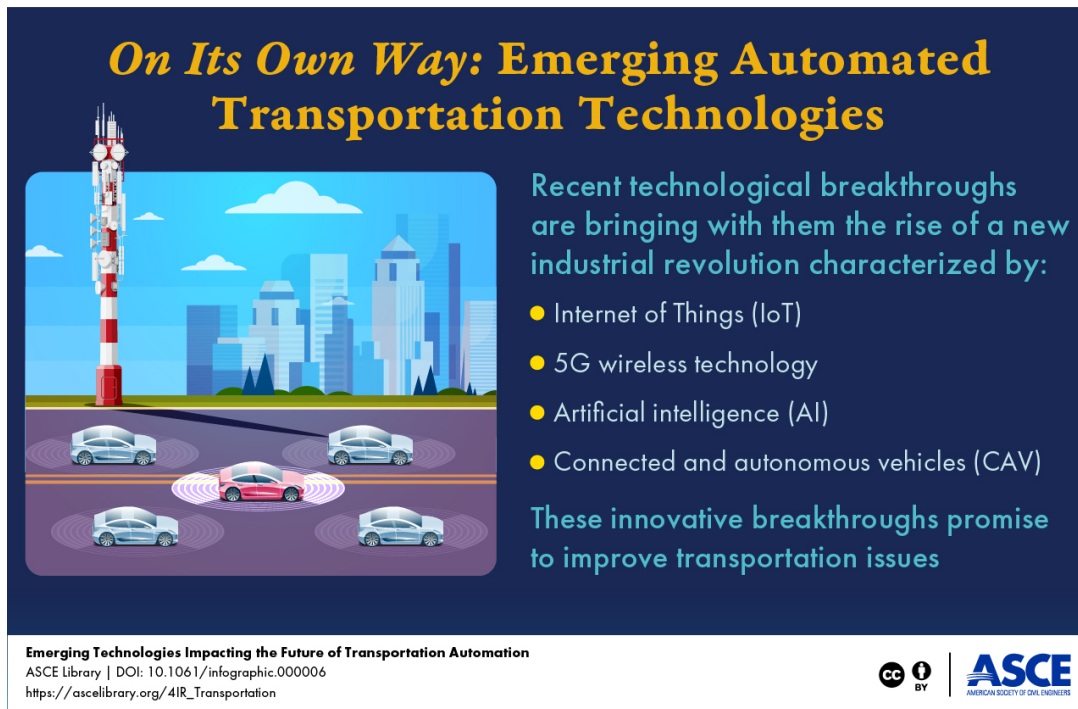


Nominations are open for the ASCE Innovation in Sustainable Engineering Award through November 1, 2022. ASCE established this award in 1981 to recognize civil engineering projects for creativity and innovative sustainability and have the potential for use in broad application of future projects. Please see the official rules, eligibility requirements, and nomination process on the [Innovation in Sustainable Engineering Award's website](#) or click the above image.

[Submit a Nomination](#)

Emerging Technologies Impacting the Future of Transportation Automation

Modern technological breakthroughs are set to revolutionize all spheres of life through the applications of 5G wireless technology, artificial intelligence, internet of things and so on. How will the transportation sector be affected by these changes? The [latest ASCE Collection](#) offers insights and provides a great resource for stakeholders in the field to identify key learning points.



ASCE Plot Points Podcast - Episode 124

The Office of Public Transportation in Alabama is one of such innovation – a partnership between the state department of transportation and the University of Alabama in Huntsville with the simple goal of improving transit for the citizens of Alabama.

In episode 124 of ASCE Plot Points, two Alabama Office of Public Transportation leaders, Mehrnaz Doustmohammadi, Ph.D., A.M.ASCE, and Michael Anderson, Ph.D., Aff.M.ASCE, discuss the collaboration and if the model could be a good fit in other parts of the country.

[Listen to Plot Points #124.](#)

INDUSTRY NEWS

FHWA Issues Final Rule on Pavement Marking Retroreflectivity

In the 1993 U.S. DOT Appropriations Act, the Secretary of Transportation was directed to “revise the Manual on Uniform Traffic Control Devices to

include—a standard for a minimum level of retroreflectivity that must be maintained for pavement markings and signs, which shall apply to all roads open to public travel.” The final rule on minimum retroreflectivity for signs was published on December 21, 2007, and was added to the MUTCD as Revision 2 of the 2003 MUTCD.

The final rule on pavement marking minimum retroreflectivity has now been issued by FHWA, and was published in the Federal Register on Friday, August 5, 2022. The complete final rule can be accessed at the [Federal Register's National Standards for Traffic Control Devices; the Manual on Uniform Traffic Control Devices for Streets and Highways; Maintaining Pavement Marking Retroreflectivity](#). The final rule requires agencies to implement a method for maintaining pavement marking retroreflectivity at or above minimum levels. Similar to what was done for sign retroreflectivity implementation, a 4-year compliance date for implementing the method is provided. Options are also provided for roads where illumination or low volumes make the markings less critical and for certain types of markings. The final rule has been added to the MUTCD as Version 3. The new Version 3 materials can be seen at the [FHWA website](#). The complete 2009 MUTCD with Revisions 1, 2 and 3 can be found on [FHWA's MUTCD website on Manual on Uniform Traffic Control Devices](#).

To provide further clarity on this ruling, the FHWA is hosting a webinar, but **attendees must register in advance**. FHWA will discuss the contents of the final rule that was published in the Federal Register August 5. This rulemaking amends the MUTCD, adding provisions for minimum maintained levels of pavement marking retroreflectivity in Revision 3 of the 2009 MUTCD.

This webinar is free and open to anyone who is interested. Please feel free to share this invitation with others. After you register you will receive an email confirmation with the webinar link. Please note that this link is unique to you and should not be shared with others. However, if multiple people will be attending in one room from one computer, only one person needs to register.

Access: The Federal Highway Administration is committed to providing equal access to this webinar for all participants. Closed captioning will be provided. If you need alternative formats or services because of a disability, please contact [Jennifer Symoun](#) with your request by close of business August 29, 2022.

Maintaining Minimum Pavement Marking Retroreflectivity

Date/Time: Thursday, September 1, 12:30 Eastern / 9:30 Pacific

Register for the FHWA Webinar

ASCE GOVERNMENT RELATIONS UPDATE

\$2.2 Billion Issued for Infrastructure Projects through RAISE Program

Transportation Secretary Pete Buttigieg [announced](#) August 11th that \$2.2 billion has been awarded through the Rebuilding American Infrastructure with Sustainability and Equity (RAISE) program to help communities modernize transportation infrastructure. This round of funding supports 166 projects across the country. The program, which helps fund road, bridge, transit, rail, port, and intermodal transportation projects, was previously known as Better Utilizing Investments to Leverage Development (BUILD) during the Trump administration and Transportation Investment Generating Economic Recovery (TIGER) during the Obama administration. RAISE received a substantial boost through the [Infrastructure Investment and Jobs Act \(IIJA\)](#), which provides \$7.5 billion over five years for the program. Funding announced is about double what last year's grants provided.

President Biden Signs CHIPS and Science Act into Law

In a Rose Garden ceremony on August 9th, flanked by bipartisan Congressional leaders, President Joe Biden signed the landmark [CHIPS and Science Act of 2022](#) into law. In [his remarks](#), the President noted that “the CHIPS and Science Act is exactly what we need to be doing to grow our economy right now.” The new law provides \$52.7 billion in subsidies for U.S. semiconductor production and authorizes \$200 billion over 10 years to boost U.S. civilian scientific research. Congress would still need to pass separate appropriations legislation to fund those investments on an annual basis. ASCE's detailed analysis of the legislation can be found [here](#).

State Electric Vehicle Network Plans Reach DOT for Review

States' electric vehicle (EV) infrastructure plans, which were recently due to the U.S. Department of Transportation (DOT) in accordance with the [Infrastructure Investment and Jobs Act \(IIJA\)](#), demonstrate a range of EV needs and priorities. [Florida](#) is bracing for an increased need for EV chargers, while other states like Wyoming expressed reservations. On August 2nd, DOT announced all 50 states, the District of Columbia, and Puerto Rico had submitted EV infrastructure deployment plans as required by the [National Electric Vehicle Infrastructure \(NEVI\) Formula Program](#), which was established by the IIJA. The plans were required to unlock the first round of the \$5 billion of IIJA formula funding that will be available over five years. The Joint Office of Energy and Transportation and the Federal

Highway Administration (FHWA) will now review the plans and continue to work with states while maintaining a goal of approving the plans by September 30th.

White House Updates Fact Sheets about Infrastructure Law-Supported Projects in States

The White House on August 2nd [released](#) updated fact sheets highlighting how the [Infrastructure Investment and Jobs Act \(IIJA\)](#) is delivering results across all 50 states, territories, the District of Columbia, and Tribal communities. The fact sheets include information on how much funding has been announced for various infrastructure purposes and provide “spotlights” about projects that have been awarded funding. The fact sheets are some of several resources the administration has published pertaining to the IIJA. On January 31st, the White House released a [guidebook](#) geared state, local, tribal, and territorial governments. Additionally, the White House has published an infrastructure law implementation [resource](#) for rural communities.

DOT Awards Funds to Help Small Communities Improve Air Service

The U.S. Department of Transportation (DOT) [announced](#) August 3rd that it will award \$16.9 million through the [Small Community Air Service Development Program](#), which assists small communities with maintaining and building air service options. This round of grants will support 25 communities in 20 states. Grants may be used to provide financial incentives to carriers, conduct studies on the feasibility of expanded service, support marketing programs to promote existing local service, launch communities’ first air service, and establish new routes to improve connectivity. Selected [awardees](#) include the Port of Pasco in Washington, which was awarded \$750,000, and Eagle County, Colorado, which received \$1 million.

CONTINUING EDUCATION OPPORTUNITIES



Summer Programs

ASCE announces an exciting line up of Continuing Education summer programs.

ASCE Continuing Education offers a wide variety of top quality educational programs taught by experts in their fields. Explore the many ways to grow your knowledge, advance, and stay current with your professional career while earning credits. [Check out our ASCE Continuing Education summer programs.](#)



Guided Online Courses

Guided Online Courses have begun, but it's not too late to register! Learn more and sign up today!

- *highly engaging*
- *6 and 12-week*
- *self-paced*
- *use any device*



**Construction of
Port Facilities**

Sep19 – Dec 9, 2022

[Learn More](#)

**Marine Container
Terminal Planning**

Sep19 – Dec 9, 2022

[Learn More](#)

P.E. Review Courses

Pass your PE Civil computer-based exam with ASCE's help!

Earning your PE license is one of the most pivotal steps in your career. ASCE's PE exam review courses offer you self-guided sessions that are ideal for you if you like the flexibility of preparing at your own pace at a time convenient to you with the option to combine with live online sessions for a more structured, real-time learning experience.



[Register for P.E. Review Courses](#)

Live Webcast

Arbitration and Mediation Webcast
September 25, 2022

[Join](#)

ASCE Week in Las Vegas

Join ASCE September 25-30 at the Hilton Lake Las Vegas Resort & Spa in Henderson, NV, for ASCE Week 2022! With the opportunity to earn up to 40 PDH, breakfast and lunch included in the price of registration, and a livestreaming option, there's no reason not to attend! Register by September 2 for the early bird registration price.



[Register](#)

On-Demand Webinar Packages

Take advantage of savings by ordering complete on-demand webinar packages versus purchasing on-demand webinars individually.

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On-Demand Learning

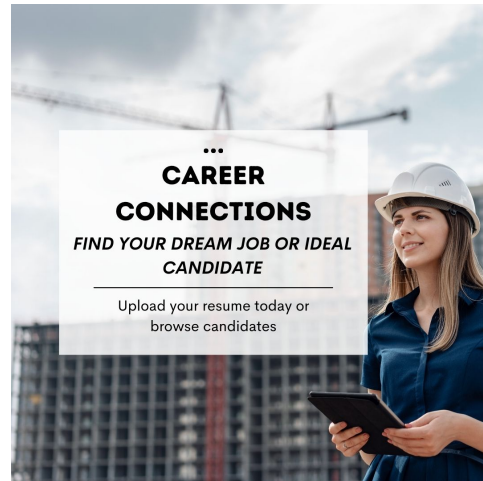
- Choose your topic and learn on your own time.
- Industry's largest catalog of on-demand topics
- Convenient 24/7 access
- Individual and organization rates

[Learn More](#)

ASCE Career Connections

Interested in finding a first job, a new job, or hiring a top notch candidate? Our [Career Connections](#) page will put you in touch with the right people!

- Upload your resume
- Browse candidates
- Connect with potential employers or employees



Get Involved!

Want to participate more with T&DI, but aren't sure exactly what to do or how to do it? No problem! There are plenty of opportunities to get involved! Visit the [ASCE Communities Page](#) to find the best fit for you.



Motivation Minute



A Return to Teaching and Learning

And just like that, summer is over. Good luck to all of our professors, students, and administrators this school year. Make it fantastic and memorable.

"Tell me and I forget, teach me and I may remember, involve me and I learn."

-Benjamin Franklin



Thank you to all of our members! Be safe, be well.

Follow us on Social Media!



Questions? Comments? Concerns? Want to contribute to the next issue?
Please contact Melissa Willis at mwillis@asce.org



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