



KEY HIGHLIGHTS

- Applications for T&DI Board Positions Due February 1, 2022
- Registration for ICTD is Now Open
- T&DI Announces Winners of Horonjeff, Airfield Pavement Practitioner, and Younger Member Awards
- Future World Vision Launches 2.22.22

Letter from T&DI President David Noyce

Dear T&DI Members and Friends:



Happy New Year! As we move forward together in 2022, one of my primary goals as president of T&DI is to get all of you involved in one or more T&DI activities. To help us better understand how T&DI can earn your time and effort, T&DI leadership has initiated two important activities. First, we are working hard to improve our communication with you without becoming burdensome or sending an inordinate number of email messages.

[Read More](#)

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

INSTITUTE NEWS



T&DI Seeking Candidates for FY23 Board Positions

The Transportation and Development Institute (T&DI) of ASCE is looking for potential candidates for the FY23 Board of Governors for the 4-Year elected position and the 2-Year appointed position. Applications must be received no later than February 1, 2022. Further details are available on the Institute's website.



[Learn More](#)

ICTD Registration is Now Open



Registration for [ASCE International Conference on Transportation and Development \(ICTD\)](#), is now open. This year's conference, with joint programming by ASCE and the Washington State Department of Transportation (WSDOT), will take place in Seattle, WA, from May 31 – June 3, 2022. Join us as leaders from public agencies, private industry, and research institutes share their vision, exchange experience, collaborate on research, and showcase practical solutions on smart and integrated mobility solutions. Chaired by Roger Millar, Secretary of Transportation, WSDOT and Yin Hai Wang, Professor, University of Washington, the conference has a stellar lineup of plenary speakers including Anna Zivarts, Director, Disability Mobility Initiative; Toks Omishakin, Director, Caltrans; Kristina Swallow, Director, NDOT; Carlos Bracerias, Executive Director, UDOT; Craig Thompson, Secretary of Transportation, WisDOT; Hani Mahmassani, Professor, Northwestern University; Jerry Buckwalter, Chief Innovation Officer, ASCE, and more.

ASCE International Automated People Movers and Automated Transit Systems (APM-ATS) Conference will also be delivered at ICTD 2022, resulting in a rich attendee experience on a variety of topics that cover all modes of transportation.

Register

Registration Sponsored by:



T&DI Member Engagement



Please take a moment to share your thoughts so we can better align our programs and professional development opportunities towards your needs and interests. Respondents who are ASCE members can enter into a drawing for free registration to T&DI's ICTD 2022, Seattle, May 31 to June 3.

IMPORTANT NOTE: We have added a question to the survey to enable drawing for ICTD 2022 registration, and regret the oversight in the previous version. If you had **already filled the survey before 12 PM ET on Friday, January 28** and would like to be considered for the drawing for complimentary ICTD 2022 registration, [please enter your name and membership number here.](#)

[Complete the Survey](#)

Imad Al-Qadi Announced as 2021 Winner of the Robert Horonjeff Award



The Transportation and Development Institute (T&DI) of ASCE is pleased to announce Imad L. Al-Qadi, Ph.D, P.E., DIST.M.ASCE, of the University of Illinois Urbana-Champaign, as the 2021 winner of the Robert Horonjeff Award. The award, named in honor of Robert Horonjeff, recognizes outstanding achievements in and contributions to the advancement of the field of air transportation engineering.

[Read More](#)

Richard G. Thuma Announced as 2021 Winner of Airfield Pavement Practitioner Award



The Transportation and Development Institute (T&DI) of ASCE is pleased to announce Richard G. Thuma, P.E., ENV SP, M.ASCE, of Crawford, Murphy, and Tilly, as the 2021 winner of the Airfield Pavement Practitioner Award. The award was established to honor and recognize practicing engineers employed in the airfield pavement engineering profession with demonstrated leadership and achievement in airfield pavement projects.

[Read More](#)

Cole Kopca Announced as 2021 Winner of the T&DI Outstanding Younger Member Award



The Transportation and Development Institute (T&DI) of ASCE is pleased to announce Cole Kopca, M.U.P., M.ASCE of the University of Washington as the recipient of T&DI's 2021 Outstanding Younger Member Award. The award was established to recognize the professional contributions of younger members of the Institute.

[Read More](#)

MODaaS Committee Publishes First Quarterly Newsletter



The ASCE Transportation and Development Institute's [Mobility on Demand and as a Service \(MODAaaS\) technical committee](#) published its first quarterly newsletter in November 2021. The committee's strategic plan is to develop a forum for the exchange of ideas and knowledge among professionals in the engineering industry and to connect the industry to academia and government. Interested in joining the MODaaS technical committee? [Join MODaaS Committee](#).

MODaaS Newsletter

T&DI Free Virtual Events

CAV Impacts Committee to host:

DriveOhio VCETT -Advancing Smart Mobility

Wednesday, March 9, 2022, 1:30 PM – 3:00 PM ET

DriveOhio is the state's innovation hub for smart mobility. Together with its partners, DriveOhio has developed the world's most advanced smart mobility ecosystem of connected, autonomous, electric, and shared transportation – on the ground, in the air, everywhere.

REGISTER FOR DRIVE OHIO

T&DI –(MoDaaS) Committee Presents:

The Role of MoD & MaaS in Reviving Public Transportation

Wednesday, March 16, 2022, 4:00 PM - 5:30 PM ET

Understand challenges faced by transit agencies in light of Covid-19 and how different ways of providing service can aid in the revival of public transit systems.

REGISTER FOR ROLE OF MOD & MaaS

T&DI –(MoDaaS) Committee Presents:

Setting the Standard for How MaaS Projects are Evaluated

Wednesday, March 16, 2022, 4:00 PM - 5:30 PM ET

Join us for a 90-minute panel discussion of distinguished academia, public agency, and private sector professionals as they address the important questions on how MaaS projects are evaluated.

REGISTER FOR SETTING STANDARDS

T&DI's Technical Committees Meet at TRB 2022



The Transportation Research Board (TRB) Annual Meeting was held at the Walter E. Washington Convention Center in Washington, DC from January 9 to 10, 2022. T&DI was represented at the ASCE booth in the exhibit hall. In addition, the following T&DI Technical Committees met during the event:

- Connected and Autonomous Vehicles (CAV) Impacts Committee, organized and led by Jianming Ma of Texas DOT and Paul Avery of AECOM
- Aviation Planning & Operations Committee, organized and led by Vivek Khanna of Woolpert
- Airfield Pavements Committee, organized and led by Navneet Garg of FAA and Lindsy Hammond of GRI

The meetings were held on Monday, January 10 in hybrid format, with a total in-person participation by about 50 members and virtual participation by about 40 members. [Learn more about T&DI's technical committees](#) on the Institute's website.

INDUSTRY NEWS

NatMEC Registration Opens February 1, 2022

Registration will open for the 2022 [National Travel Monitoring Exposition and Conference \(NatMEC\)](#) on February 1, 2022. NatMEC 2022, organized and hosted by the Idaho Transportation Department in cooperation with the Pacific Northwest Transportation Consortium, will be held virtually on June 13 -17, 2022.

This biennial conference provides travel monitoring professionals and transportation data users from around the world opportunities to share knowledge and good practices, exchange ideas, revisit fundamental concepts, learn about new processes, procedures and techniques, and see the latest advancements in policy, technology and equipment.

For more information and to register visit natmec.org.

Transportation Research Board Releases new 7th Edition of the Highway Capacity Manual

The Transportation Research Board has released the new 7th Edition of the Highway Capacity Manual. An eBook version of the complete HCM (Chapters 1 - 38) is available now from the National Academies Press, with the print version (Chapters 1 - 24) expected to be available in February or March.

Major updates include:

- The assessment of Connected and Automated Vehicles on the capacity of freeways, signalized intersections and roundabouts.
- A new 2-two-lane highway analysis method; A new network analysis chapter for freeway/ramp/arterial interchanges.
- A new pedestrian level of service measure for uncontrolled pedestrian crossings.
- A new signalized intersection pedestrian delay method.
- A method for active transportation and demand management on Urban Streets.
- The Manual can be purchased on-line at the National Academies Publications Catalog.

[Purchase the Manual](#)

ASCE NEWS

Future World Vision: Mega City 2070 Coming 2.22.22



[ASCE's Future World Vision](#) is an interactive, immersive experience exploring the built environment of 2070. Providing tangible visualizations and provocative scenarios, the Mega City 2070 digital platform allows engineers and stakeholders to craft a shared vision of the future they would like to see. Grounded in deep research reflective of the cutting edge of engineering practice, Future World Vision introduces a common vocabulary, rich storytelling, and multi-layered systems modeling to allow participants to immerse themselves in the future world. It also has strong application for use in university courses and student stimulation and engagement.

Mega City 2070 will launch on 2.22.22 during Engineers Week 2022 via free download from the [Future World Vision website](#) and a virtual launch event that will be held at 2:22 PM ET. [Register](#) for the free one-hour launch event.!

ASCE Texas Section Releases Recommendations for Building Reliable and Resilient Infrastructure



ASCE Texas Section recently published an 18-page summary providing [recommendations for building reliable and resilient infrastructure](#) considering the infrastructure failures Texans experienced due to the February 2021 Winter storms. It includes a table of policies and issues that impact reliability as well as 1-page summaries for each specific infrastructure sector affected by the storms, including telecommunications, drinking water/wastewater/stormwater, electricity, energy, and transportation.

ASCE Government Relations Update

Landrieu Asks States to Appoint Infrastructure Coordinators to Help Implement New Law

Mitch Landrieu, the White House's senior advisor and infrastructure coordinator, on January 4 asked governors to appoint state-level representatives to coordinate implementation of the bipartisan [Infrastructure Investment and Jobs Act \(IIJA\)](#). These individuals are meant to work with states' budget teams and departments and guide the [substantial investments](#) in roads, bridges, ports, airports, and broadband that were included in the law. Landrieu also said the White House plans to release guidance this month to set parameters for the legislation's funding programs. He and his team are also working on a guidebook containing key dates for state and local governments.

DOT Announces \$241 Million in Grants Through the Port Infrastructure Development Program

U.S. Department of Transportation Secretary Pete Buttigieg [announced](#) December 23 that the agency has awarded \$241 million to 25 projects to improve port facilities. The funding, which will support projects in 19 states and Puerto Rico, was issued through the Maritime Administration's [Port Infrastructure Development Program](#). Priorities for this round of funding included job creation, climate change, and environmental impacts. These projects are meant to support the goals

outlined in the [Biden-Harris Action Plan for America's Ports and Waterways](#) .

FAA Announces \$2.89 Billion in Funding Through Bipartisan Infrastructure Law

The Federal Aviation Administration [announced](#) December 16 that it will award \$2.89 billion for Fiscal Year 2022 through the bipartisan [IIJA](#). The funding will be distributed to [3,075 airports around the country](#), and can be used for projects related to runways, taxiways, terminals, and roadway connectors. The IIJA provides \$15 billion for airport improvement projects to strengthen the nation's aviation infrastructure. The legislation addresses some of the recommendations presented in ASCE's [2021 Report Card for America's Infrastructure](#), such as a focus on expanding terminal capacity and a federal funding boost for the [Airport Improvement Program](#). Airports received a D+ on the report card.

GAO Study Finds Public Ports Support Range of Activities Besides Freight Movement

The Government Accountability Office published a [report](#) December 15 indicating public ports are used for a variety of purposes unrelated to freight movement, such as ferry terminals, commercial fishing, recreation, and residential development. To compile the report, GAO reviewed port documentation and federal grant award data and interviewed representatives of ASCE and various federal agencies. GAO also surveyed ports, with 67 of the 80 respondents reporting they have been involved in non-freight activities in the last 10 years. Ports officials said these activities can diversify lines of business, meet community needs, and take advantage of underused facilities.

FHWA Announces \$52.5 Billion in Funding Through Bipartisan Infrastructure Law

The Federal Highway Administration [announced](#) December 15 it is providing \$52.5 billion in apportioned funding under the IIJA for Fiscal Year 2022. This amount, which will be provided to all 50 states and the District of Columbia, represents an increase of more than 20% compared to FY 2021 apportionments for the Federal-aid Highway Program. Funding will be used to help reduce the backlog of major repairs on highways and bridges, as well as reconnect communities, redesign rural main streets, and develop electric vehicle chargers.

The full amount of funding will not be available immediately, as Congress still needs to finish relevant appropriations bills. The government is currently funded through a continuing resolution that ends February 18.

Continuing Education Opportunities



Guided Online Courses

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

**Quantity Take-Off:
Heavy Civil/Utilities**
Jan. 24 – Mar. 4, 2022

[Learn More](#)

**Quantity Take-Off:
Structures**
Jan. 24 - Mar. 4, 2022

[Learn More](#)

**Introduction to
Port Engineering**
Jan. 24 – April 15, 2022

[Learn More](#)

**Seismic Design of
Piers and Wharves**
*Jan. 24 – April 15,
2022*

[Learn More](#)

Live Online Training

**An Introduction to Traffic Signal
Operations - March 3, 2022**

This webinar will identify the key parameters and explain how these parameters contribute to the overall efficiency and effectiveness of traffic signal operations.

[Learn More](#)

PE Exam Review

**PE Civil Exam Review Courses -
Feb.1 -April 1, 2022**

Prepare for PE exams with focused courses designed to maximize your study time through the use of live and on-demand sessions, handouts, homework problems, study tips, and resources from faculty with 20+ years' experience.

[Learn More](#)

ASCE Week Orlando | March 20 – 25, 2022



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On-Demand Learning

A Closer Look at Road Diets

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Traffic Signal Design

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ASCE Mentor Match



January is Mentoring Month. Mentors boost your confidence, offer great advice, and help you accomplish your professional goals. ASCE Mentor Match connects ASCE members with the right mentor based on topics of interest and experience level. Find your mentor today!

[Join Mentor Match](#)

Wishing all our T&DI members safety and health!

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