



MINNESOTA

TRANSPORTATION CONFERENCE & EXPO

STATE OF THE FUTURE | REINVENTING TRANSPORTATION FOR ALL



National Road Research Alliance & International Society for Intelligent Construction

invite you to join us for the

Minnesota Transportation Conference & Expo

Pre-conference events: February 28, 2022

Conference: March 1– 2, 2022 at the RiverCentre in Saint Paul, Minnesota

The Minnesota Transportation Conference & Expo (MTC&E) returns!

Together, the NRRRA and ISIC are partnering with the conference and expo to expand the topics and audience to the be best transportation conference Minnesota has ever seen. We're pushing to transform from conception to implementation of transportation ideas.

ABOUT NRRRA

The **National Road Research Alliance (NRRRA)** is a Pooled Fund with the goal to improve the future sustainability of our roads through research and a commitment to cooperative implementation. The alliance sponsors research at the MnROAD test track, one of the most sophisticated cold-weather pavement facilities in existence, as well as other locations around the country.

The **NRRRA currently has member partners** across all areas of pavement research 12 government agencies from nine different states, six industry associations, 43 private sector companies, and 22 academic institutions.

ABOUT ISIC

The International Society for Intelligent Construction (ISIC) is a source of information on intelligent construction technologies for public agencies, contractors, consultants, academia, and other relevant industries. ISIC provides a forum of tech transfer for the collection, analysis, and application of information relating to intelligent construction technologies (ICT) for infrastructure. ICT is a combination of modern science and innovative construction technologies. The mission of ISIC is to promote the applications of ICT to the life-cycle of infrastructure: from the survey, design, construction, operation, and maintenance/rehabilitation by adapting to changes of environments and minimizing risks in order to improve construction, quality, cost-savings, and safety.

The scope of ISIC covers current and emerging ICT for infrastructure life-cycle, including intelligent sensing, data analysis, decision-making, and execution for civil engineering, construction machinery, electronic sensor technology, survey/testing technology, information technology/computing, and other related fields.

We anticipate 1200+ attendees, including decision makers from the following agencies:

- Caltrans
- Illinois DOT
- Illinois Tollway
- Iowa DOT
- Michigan DOT
- Minnesota DOT
- Minnesota LRRB
- Mississippi DOT
- Missouri DOT
- North Dakota DOT
- Wisconsin DOT

Attendee registration is now open.

During the two days of the conference, NRRRA and ISIC will each have their own educational tracks congruent with the conference topics. Here's a snapshot of the topics for those two tracks.

NRRRA TRACK

In the NRRRA Track during the conference, four of the technical teams of the NRRRA will share recent project updates:

- **Flexible Team** focuses on short and long term research of new and rehabilitated asphalt roadways and development of long term research test sections at MnROAD.
- **Geotechnical Team** will focus on bound and unbound materials found under the pavement surface including grading and base, full depth reclamation, cold in place recycling for new and rehabilitated roadways, and more.
- **Preventive Maintenance Team** discusses short and long term research in the areas of maintenance of concrete and asphalt roadways and development of long term research test sections at MnROAD.
- **Rigid Team** examines short and long term research of new and rehabilitated concrete roadways and development of long term research test sections at MnROAD.

ISIC TRACK

Presentations from the ISIC in conjunction with the NRRRA Intelligent Construction Technologies Team:

- **Intelligent Construction Technologies Team** focuses in the area of innovative technologies for planning, design, construction, real-time quality control/ monitoring, and management for the life-cycle of infrastructure construction. The ICT team's activities include: short- and long-term research, field evaluation and/ or demonstration of current and emerging technologies, partnering with industry to assist with development and deployment of technologies, creation of tools and resources to assist with deployment efforts, technology transfer among NRRRA partners and specification development.
- ISIC will provide training sessions on paving and compaction equipment, technologies, and solutions.

PROMOTIONAL OPPORTUNITIES FOR YOUR ORGANIZATION

We have opportunities for time at the Innovation Showcase Stage and an Equipment Showcase in the Expo Hall available for vendors to promote new products and innovations.

INNOVATION SHOWCASE STAGE

Priority will go to those with booths at the expo. A total of 8-1/2 hours of stage time is available, broken up into half-hour blocks. To request time slot availability, please [email Lauren Dao](#).

EQUIPMENT SHOWCASE

Limited space is available on a first-come, first-served basis for equipment. [Email Glenn Engstrom](#) for details.

BOOTHS & SPONSORSHIPS

Vendor expo booths, MTC&E Tiered Level Sponsorships, and [additional sponsorship and advertising opportunities available](#).

[Attendee registration is open.](#)

ADDITIONAL PRESENTATION CATEGORIES

- Asset Management & Maintenance
- Bridges & Structures
- Emerging Technologies (BIM, CAV-X, 3-D Design, Surveying, etc.)
- Environmental
- Finance & Economic Development
- Freight & Supply Chain/Logistics
- Hydraulics
- Planning: Multimodal Transportation
- Project Management/Design (Alternative Delivery, Partnerships, etc.)
- Traffic Management/Construction Safety & Operations
- Workforce & Career Development

PRE-CONFERENCE EVENTS ON FEBRUARY 28:

NRRA Annual Meeting
ISIC North American Chapter Meeting
MTC&E Welcome Reception

VISIT MNROAD MARCH 3

We are also planning a tour to the world's only Cold Weather Testing Facility, MnROAD, just a short drive north of the Twin Cities. [Email Lisa Bilotta](#) to join the list.



Aerial view of the MnROAD facility with the I-94 live traffic test sections and the closed Low Volume Road test section.

CONFERENCE COLLABORATORS AND SPONSORS

ACEC Minnesota • MnDOT • MN Transportation Alliance • NRRA • ISIC

with additional sponsors including:

**Alliant Engineering, Inc. • Bolton & Menk • SRF Consulting • Stantec
Stonebrooke Engineering, Inc. • WSB**

**American Engineering Testing • Barr Engineering • Braun Intertec • HNTB
HR Green • Isthmus Engineering • Kimley-Horn • KLJ • Mead & Hunt
Moore Engineering • Sambatek • SEH • T2 Utility Engineers • TKDA • Trimble**

Apex Engineering Group • Kaskaskia Engineering Group • Stevens Engineers Inc.

Bloom Companies • ESS Brothers and Sons • Michael Baker International • Widseth

Houston Engineering • Martinez Geospatial • WSP