Easier commutes, quicker emergency response times, commercial logistics cost savings. These things matter to us whether it’s performing geotechnical engineering services, quality management, or environmental compliance on a $100M design-build project or pavement rehabilitation evaluation and materials testing on a local road project. Investment in our transportation infrastructure is key to the success of Minnesota. Our highways and by-ways matter.

GEOTECHNICAL ENGINEERING · ENVIRONMENTAL · CONSTRUCTION MATERIAL TESTING · PAVEMENTS · PETROGRAPHY · BUILDING TECHNOLOGY

Minnesota Transportation is Taking Us Places

Mark Your Calendar

2017 Minnesota’s Transportation Conference

February 28–March 2, 2017
Saint Paul RiverCentre,
Saint Paul, Minnesota

GENERAL INFORMATION

Conference Credit

AICP Maintenance Credits
A request for AICP credits has been submitted for the conference. A complete list of approved sessions will be available on the conference website.

Professional Development Hours (PDHs)
Attendees at this conference may receive up to 12.75 professional development hours. A PDH form is available on the conference website and at the conference registration desk.

Twitter
We’re on Twitter! Use #mntc2016 to continue the conference conversation.

Conference Mobile App
Enhance your conference experience by downloading the conference app on your iPhone or Android device. Search for MNTC 2016 in your app marketplace.

• View detailed schedule, session, and speaker information
• Create a personalized schedule listing your chosen sessions
• Find information about all of MTC’s 50+ exhibitors
• Engage in #mntc2016 conversations in social media
• Take notes for the sessions you attend

Conference mobile app sponsored by WSP | Parsons Brinckerhoff

Wireless Access
Wi-Fi is available throughout the building. Conference attendees should connect to RC_FreeWifi—no password is needed.

Receptions
Evening receptions will be held in the Grand Ballroom foyer. Attendees are invited to view exhibits, speak with colleagues, and enjoy hors d’oeuvres and a cash bar.

• Tuesday, March 8, 4:00–6:00 p.m.
  Reception Sponsored by Stantec

• Wednesday, March 9, 4:00–6:00 p.m.
  Reception Sponsored by Alliant Engineering Inc.

Attendee List
A conference attendee list is available, upon request, at the registration desk.
### PROGRAM AT A GLANCE

#### TUESDAY, MARCH 8, 2016

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<td>Opening Reception and Exhibits</td>
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<td><strong>Reception sponsored by Stantec Inc.</strong></td>
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#### WEDNESDAY, MARCH 9, 2016

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<td>Registration, Continental Breakfast, and Exhibits</td>
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<tr>
<td>8:30–10:00 a.m.</td>
<td>Plenary Session: Future Forecast: How Drones, Sensors, and Integrated Apps Are Rewriting the Rules&lt;br&gt;<strong>James Benham, CEO, JB Knowledge Inc.</strong></td>
<td>Grand Ballroom</td>
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<td><strong>Breakfast and session sponsored by SRF Consulting Group Inc.</strong></td>
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<td>10:00–10:30 a.m.</td>
<td>Break and Exhibits</td>
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<td><strong>Break sponsored by HR Green Inc.</strong></td>
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<td>10:30–11:30 a.m.</td>
<td>Session 1: Traffic Safety: Why Does It Matter to You and What’s Being Done?&lt;br&gt;Room 7&lt;br&gt;Session 2: Construction Manager/General Contractor Case Study: Highway 53 Relocation Project&lt;br&gt;Room 2-3&lt;br&gt;Session 3: 3D Technologies: Case Studies in 3D Printing and Utility Coordination&lt;br&gt;Room 4&lt;br&gt;Session 4: Bicycling: What’s Next and How Do We Get There?&lt;br&gt;Room 5&lt;br&gt;Session 5: Managing Environmental Risks&lt;br&gt;Room 6&lt;br&gt;Session 6: The Future of Transportation Funding&lt;br&gt;Room 5</td>
<td>Room 7, Room 2-3, Room 4, Room 6, Room 5, Room 8, Room 3</td>
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<tr>
<td>11:30 a.m.–1:30 p.m.</td>
<td>Lunch and Plenary Session: Demographic Change in Minnesota: The Long-Run has become the Short-Run&lt;br&gt;<strong>Susan Brower, Minnesota State Demographer, Minnesota State Demographic Center</strong></td>
<td>Grand Ballroom</td>
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<td>1:30–2:30 p.m.</td>
<td>Session 7: Pavement: So Much to Learn and Do&lt;br&gt;Room 8&lt;br&gt;Session 8: The Economic Benefits of Transit&lt;br&gt;Room 7&lt;br&gt;Session 9: Unmanned Aerial Vehicles: Opportunities and Lessons&lt;br&gt;Room 6&lt;br&gt;Session 10: MnDOT’s Asset Management: Partnering, Planning, and Implementing&lt;br&gt;Room 5&lt;br&gt;Session 11: Fostering Equity and Inclusion in Transportation Project Delivery&lt;br&gt;Room 4&lt;br&gt;Session 12: Local Projects: Challenges and Innovative Solutions&lt;br&gt;Room 2-3</td>
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<td>3:00–4:00 p.m.</td>
<td>Session 13: Safety Planning Processes and Outcomes&lt;br&gt;Room 4&lt;br&gt;Session 14: Mitigating the Impacts of Road Construction&lt;br&gt;Room 2-3&lt;br&gt;Session 15: Big Data: How to Gather It and Make It Work for You&lt;br&gt;Room 5&lt;br&gt;Session 16: Community Engagement for Complete Streets&lt;br&gt;Room 6&lt;br&gt;Session 17: Aviation in Minnesota: Future Connections and Investments&lt;br&gt;Room 7&lt;br&gt;Session 18: Connecting Bikes and Transit&lt;br&gt;Room 8</td>
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<td>8:00–9:30 a.m.</td>
<td>Plenary Session: Building a Globally Competitive Region</td>
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<td><em>Michael Langley, GREATER MSP</em></td>
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Local Asset Management: Innovative Preservation Planning Efforts      | Room 2-3 |
|              | Session 21
Not “Just” a Bus Stop Anymore                                         | Room 7   |
|              | Session 22
Transportation Funding: What the New FAST Act Means for Minnesota    | Room 4   |
|              | Session 23
High-Speed Freight Delivery and Future Freight Plan                     | Room 8   |
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Bridge Planning and Maintenance                                         | Room 5   |
| 11:00–11:30 a.m. | Break and Exhibits                                                      | Grand Ballroom Foyer |
|              | *Break sponsored by HNTB*                                               |          |
| 11:30 a.m.–12:30 p.m. | Session 25
Everyday Equity: How Does It Relate to All Modes of Transportation? | Room 7   |
|              | Session 26
The Future of Transit                                                   | Room 8   |
|              | Session 27
Panel Discussion: Best Practices in Environmental Protection            | Room 6   |
|              | Session 28
Panel Discussion: Project Delivery—Locals Leading the Way              | Room 2-3 |
|              | Session 29
Innovative Public Engagement Tools                                       | Room 5   |
|              | Session 30
Alternative Intersection Designs                                         | Room 4   |
| 12:30–2:00 p.m. | Lunch and Plenary Session: Beyond Traffic: US DOT’s 30-Year Framework for the Future | Grand Ballroom |
|              | *Gregory Nadeau, Administrator, Federal Highway Administration*         |          |
|              | *Lunch and session sponsored by TKDA*                                  |          |
Tuesday, March 8, 2016

3:00–6:00 p.m.—Registration
Grand Ballroom Foyer

4:00–6:00 p.m. Opening Reception and Exhibits
Grand Ballroom Foyer
Reception sponsored by Stantec Inc.

All conference attendees are invited to attend the opening reception. Mingle with top transportation leaders, meet our exhibitors, and enjoy complimentary hors d’oeuvres.

Wednesday, March 9, 2016

7:00–8:30 a.m.—Registration, Continental Breakfast and Exhibits
Grand Ballroom Foyer

8:30–8:45 a.m. —Welcome and Opening Remarks
Grand Ballroom
Moderator: Margaret Donahoe, Minnesota Transportation Alliance

8:45–10:00 a.m. Plenary Session: Future Forecast: How Drones, Sensors, and Integrated Apps Are Rewriting the Rules
Grand Ballroom

Breakfast and session sponsored by SRF Consulting Group Inc.

James Benham, CEO, JB Knowledge Inc.

Everywhere you look, there’s a new mobile, drone, or wearable device. How are these technologies evolving construction projects? How are top contractors running research and development on emerging technologies? Get ahead of the learning curve and hear about the up-and-coming technology solutions your peers in the industry are already utilizing. In his keynote presentation, James Benham sorts through the latest trends, solutions, and devices in building technologies and how they will rewrite the rules for construction projects.

10:00–10:30 a.m.—Break and Exhibits
Break sponsored by HR Green Inc.

10:30–11:30 a.m.—Concurrent Sessions

Session 1: Traffic Safety: Why Does It Matter to You and What’s Being Done?
Room 7
Moderator: Jon Jackels, SRF Consulting Group Inc.

Minnesota’s traffic-related deaths have dropped significantly since the state established an organized program to focus on traffic safety. You’ll learn about technology projects and strategies that help change behavior and explore how we can work together within transportation and partner with other industries to continue reducing traffic-related deaths in the future.

Why Should the Transportation Engineering Community Care About Traffic Safety When 93% of Crashes are Due to Poor Driver Behavior?
Kristine Hernandez, MnDOT/TZD;
Brad Estochen, MnDOT

ITS Safety Projects in St. Louis County
Victor Lund, St. Louis County; Scott Petersen, SRF Consulting Group Inc.

Session 2: Construction Manager/General Contractor Case Study:
Highway 53 Relocation Project
Room 2-3
Moderator: John Dillingham, Alliant Engineering Inc.

How do Construction Manager/General Contractor contracts work? What are the benefits of CMGC contracts for clients, contractors, and the public? Who else in the industry is using CMGC contracts? In this session, you’ll get all the answers and hear a case study of the TH53 relocation project in Virginia.

Jim Thomsen and Rob Ramer, Kiewit;
Andy Johnson and Pat Huston, MnDOT

Session 3: 3D Technologies: Case Studies in 3D Printing and Utility Coordination
Room 4
Moderator: Michelle Julius, AECOM

This session will use real engineering projects to illustrate problems when using traditional 2D methods to coordinate design with underground utilities. See how 3D modeling can improve your project planning and delivery—and your bottom line. You will also see how new 3D printing technologies were used to enhance engagement and preliminary design efforts on the Red Wing Bridge project, and have the opportunity to see, touch, and hold 3D-printed models.

3D Underground Utilities: Problems and Solutions
Brad Canaday, MnDOT; Philip Meis, Utility Mapping Services Inc.

3D Engagement: Enhancing Engagement through Physical Models, 3D Printing, and Laser Cutting
Chad Hanson, MnDOT; Kristin Petersen, SEH Inc.

Session 4: Bicycling: What’s Next and How Do We Get There?
Room 8
Moderator: Laura Amundson, WSP|Parsons Brinkerhoff

Minnesota consistently ranks as one of the most bike-friendly states in the nation. Bicycling experts have reached out to thousands of bikers to continually improve our communities. Find out what the experts have learned and what plans are in place to keep Minnesota at the top.

Preliminary Findings from the Twin Cities Cyclist Survey
Aaron Berger, University of Minnesota

What Residents Need to Bike as Revealed During Bike Plan Engagement
Kelley Yemen, Hennepin County; Reuben Collins, City of Saint Paul; Amber Daliman, MnDOT

Session 5: Managing Environmental Risks
Room 6
Moderator: Mike Marti, SRF Consulting Group Inc.

Many state and local governmental agencies construct road projects that encounter contaminated soil or groundwater. Often these contaminants come from adjacent properties and can pose a danger to human health and the environment. In this session, MnDOT environmental and legal experts will provide a broad overview of MnDOT’s regulated and
contaminated materials protocol, and Braun Intertec will discuss the consultant perspective of environmental risk management, including a project case study. The presentation will include information relevant to MnDOT, city and county personnel, and consultants.

**Environmental Liability: Ways to Protect Your Organization**
*Kristin White and Brian Kamnikar, MnDOT*

Contamination and Roadway Construction: MnDOT’s Approach and How It Applies to Your Project
*Brian Kamnikar, MnDOT; Kenneth Larsen, Braun Intertec*

### Session 6: The Future of Transportation Funding

**Room 5**
Moderator: Lalith Galagedera, MSA Professional Services

All states are dealing with transportation funding shortfalls and planning for a future with more needs than resources. This session will provide the latest information on funding proposals in other states, including innovative financing options like public/private partnerships and mileage-based user fees.

*Margaret Donahoe, Minnesota Transportation Alliance; Steve Dewitt, ACS Infrastructure Development*

### Session 7: Pavement: So Much to Learn and Do

**Room 8**
Moderator: Joel Ulring, MnDOT

This panel of experts will provide information, share their experiences, and answer questions about the latest pavement innovations. Learn about design options and trade-offs for your next project.

*Joel Ulring, MnDOT; Jin Yeen Neumann, Cottonwood County*

### Session 8: The Economic Benefits of Transit

**Room 7**
Moderator: Marc Culver, City of Roseville

What are the latest techniques for analyzing the economic benefits of transit and transit-oriented design? Join us for a discussion about TOD, as well as the REMI-PI analysis being used to identify the construction and long-term impacts of LRT projects.

**Economic Impact Analysis of New LRT Service**
*Todd Graham, Metropolitan Council*

**Not DOT but TOD—What Makes Transportation-Oriented Development so Attractive?**
*Jackie Dylla, Braun Intertec; Kathryn Hansen, Metro Transit; James DeLuca, MnDOT Liaison to Metro Transit; Maureen Michalski, Schaefer Richardson*

### Session 9: Unmanned Aerial Vehicles: Opportunities and Lessons

**Room 6**
Moderator: Mark Dierling, SEH Inc.

New uses and regulations for unmanned aerial vehicles (UAVs) are continually emerging. Join these experts to learn about the benefits of using UAVs for the design and maintenance of the transportation system.

**The Application of Unmanned Aerial Vehicles in Highway Bridge Inspections: Opportunities and Lessons**
*Tara Kalar and Jennifer Zink, MnDOT; Barritt Lovelace, Collins Engineers Inc.*

**Unmanned Aerial Systems: A Viable Technology for Transportation**
*Paul Braun and Jon Gustafson, Continental Mapping Consultants Inc.*

### Session 10: MnDOT’s Asset Management: Partnering, Planning, and Implementing

**Room 5**
Moderator: Brad Henry, University of Minnesota

Learn about the process MnDOT has undergone to implement its comprehensive Asset Management Program. From beginning discussions in 2011 through staged implementation, MnDOT will share lessons learned related to relationships, tools, and the importance of a strong plan.

**Planning For the Future: Connecting Asset Management, Risk, and Performance-Based Planning**
*Kirby Becker and Joshua Pearson, MnDOT*

**MnDOT’s Approach to Establishing a Support Structure for Asset Management**
*Dave Solsrud and Mark Nelson, MnDOT*

### Session 11: Fostering Equity and Inclusion in Transportation Project Delivery

**Room 4**
Moderator: Doug Differt, Sambatek

The United Transportation Coalition is the first true coalition of its kind, bringing DBE firms together to provide expertise in their respective areas of practice. Come hear about their efforts to deliver outstanding service every time, in all work types and geographic locations.

*Katherine A. Toghramadjian, Isthmus Engineering; Sirish Samba, Sambatek; Jeff Ostrom, KLJ; Hugh Zeng, HZ United LLC*
Session 12: Local Projects: Challenges and Innovative Solutions
Room 2-3
Moderator: Tracey Von Bargen, Grant County
This session will explore case studies that highlight creative solutions to challenges encountered during project delivery. The presentations include using Geosynthetic Reinforced Soil, working creatively through ROW acquisition and relocation, and other interesting solutions.

CSAH 61 (Flying Cloud Drive) Reconstruction
Jason Staebell, Hennepin County; Jenny Bring, 106 Group; Brad McCarter, Braun Intertec

“Up the Hill Project” CSAH 3, 2nd Street North
Chris Byrd, Benton County; Ron Bray, WSB & Associates

2:30−3:00 p.m.—Break and Exhibits
Grand Ballroom Foyer
Break sponsored by KLJ

3:00−4:00 p.m.—Concurrent Sessions

Session 13: Safety Planning Processes and Outcomes
Room 4
Moderator: Janelle Borgen, WSB & Associates Inc.
As Minnesota progresses toward zero deaths, MnDOT has updated its District Safety Plans and completed a rail-grade crossing safety study. Learn about safety evaluations, implementation processes, and outcomes in this safety focused session.

MN District Safety Plans
Renae Kuehl, SRF Consulting Group Inc.; Howard Preston, CH2M Inc.; Derek Leuer, MnDOT

Session 14: Mitigating the Impacts of Road Construction
Room 2-3
Moderator: Denise Woods, Associated General Contractors of Minnesota
Road construction can have major impacts on drivers, businesses, and even transit riders. Managing and mitigating the disruption is critical as our road system ages. In this session, you’ll learn about new computer models and tools that are available to determine the best staging of projects and to account for the cost of construction impacts.

How Transit and Road Construction Can Peacefully Coexist
Cyndi Harper and Dave Hanson, Metro Transit

A New Model for Estimating Road Construction Traffic Impacts
Jim Henricksen and Tiffany Dagon, MnDOT

Session 15: Big Data: How to Gather It and Make It Work for You
Room 5
Moderator: Nancy Wills, Houston Engineering
Developing usable, meaningful information is critical for making and communicating decisions. In this session, hear how the Metropolitan Council and MnDOT have successfully used analytics to improve efficiency. These presentations will identify and discuss the team characteristics, work culture, and organizational structure that create an environment in which an in-house analytics team can flourish.

Session 16: Community Engagement for Complete Streets
Room 6
Moderator: Kimberly Sannes, Kimley-Horn & Associates
Our transportation system moves people who get around in many different ways: car, bike, wheelchair, transit, and walking. This session will share examples of how new technology tools and social media are improving infrastructure design for all travelers.

Tracey Kinney, Saint Paul Riverfront Corporation; Carol Swenson, District Councils Collaborative of Saint Paul and Minneapolis

Session 17: Aviation in Minnesota: Future Connections and Investments
Room 7
Moderator: David Oxley, American Council of Engineering Companies of Minnesota
As Minnesota continues to focus on improving safety, connectivity, and accessibility, aviation needs to be part of the state’s multimodal long-range planning. Learn more about the State Aviation System Plan, the investments envisioned around Minnesota, and how future trends will impact air travel, airports, and the communities in which they are located.

Ryan Gaug, MnDOT; Bill Towle, St. Cloud Regional Airport

Session 18: Connecting Bikes and Transit
Room 8
Moderator: Tom Parker, TKDA
Bicycles are a first-choice transportation option for an increasing number of Minnesotans. Hear how innovative transit programs and facilities are improving seamless bike-transit access, including for low-income users, at this session.

Transportation Equity, Civic Engagement, and Active Transportation: Community Action Duluth’s Bus-Bike Pilot Program for Residents with Low Incomes
Sarah Priest, Community Action Duluth

The Future of Bicycling + Transit
Carol Hejl and Tony Drollinger, Metro Transit

4:00−6:00 p.m. Reception and Exhibits
Grand Ballroom Foyer
Reception sponsored by Alliant Engineering Inc.
Thursday, March 10, 2016

7:00–8:00 a.m. — Registration, Continental Breakfast and Exhibits
Grand Ballroom Foyer

8:00–9:30 a.m. Plenary Session:
Building a Globally Competitive Region
Grand Ballroom
Breakfast and session sponsored by Bolton & Menk Inc.
Moderator: Jeff Rhoda, SEH Inc.
Michael Langley, GREATER MSP

Jobs, talent, and infrastructure combine to build a globally competitive region. Learn how the Greater MSP region is working together to leverage its assets in order to attract businesses and workers and build a vibrant economy.

9:30–10:00 a.m.—Break and Exhibits
Grand Ballroom Foyer
Break sponsored by Braun Intertec

10:00–11:00 a.m.—Concurrent Sessions

Session 19: Diversity and Inclusion: Why It Matters to You
Room 6
Moderator: Eric Davis, MnDOT
Of the roughly 134,000 construction jobs in Minnesota, fewer than 5% are represented by women or racial minorities. It is critical that everyone in our industry master the skills needed to effectively train, employ, and retain populations underemployed today. This presentation will make the business case for improving diversity in the workforce of tomorrow.
Rosemarie Merrigan and Kim Collins, MnDOT; Joanne Hager and Kimberly Brinkman, MN Tradeswomen

Session 20: Local Asset Management: Innovative Preservation Planning Efforts
Room 2-3
Moderator: Cathy Huebsch, MnDOT
Maintaining a local transportation system in a “state of good repair” is a fundamental asset management principle. This session will document best practices used by local governments to address critical preservation needs.

St. Cloud APO Pavement Management Study/Asset Management
Jarrett Hubbard, St. Cloud Area Planning Organization; Amy Grothaus, Braun Intertec
Otter Tail County Transportation Plan
Rick West, Otter Tail County; Craig Vaughn, SRF Consulting Group Inc.

Session 21: Not “Just” a Bus Stop Anymore
Room 7
Moderator: Scott Thompson, Metropolitan Council
Metro Transit is making strides to enhance the pedestrian experience at bus stops by responding to community feedback and inviting significant participation. Come hear about new outreach techniques, policy changes, and design efforts that are changing Metro Transit bus stops for the better.
Steve Mahowald, Metro Transit
Responding to Riders and Bursting Barriers: Lessons Learned in Creating Better Bus Stops
Laura Matson, Berry Farrington, and Paul Lamb, Metro Transit

Session 22: Transportation Funding: What the New FAST Act Means for Minnesota
Room 4
Moderator: Dave Scott, FHWA
After 34 short-term extensions of federal funding, Congress passed a five-year surface transportation authorization act (the FAST Act). As MnDOT and local agencies work to develop both short- and long-term plans, you need to know how funding and policy changes at the federal level will impact projects here in Minnesota.
Sue Mulvihill and Serge Phillips, MnDOT

Session 23: High-Speed Freight Delivery and Future Freight Plan
Room 8
Moderator: Bill Goins, Minnesota Freight Advisory Committee
Freight demand in Minnesota has been increasing in recent years. To meet this demand, adhere to legislation, and have a plan in place for growth, Minnesota has developed a Statewide Freight System Plan. Learn about the plan and hear how one recent project was delivered quickly to meet demand.
Minnesota’s Statewide Freight System Plan
John Tompkins, MnDOT; Elaine McKenzie, Cambridge Systematics
Delivering a Freight Railroad Project: 90 Miles in 2 Years
Zach Hartjes, HDR

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- Take notes for the sessions you attend

SOCIAL MEDIA
Today we will focus on sustainability of transportation investments and improvements. This session will focus on actions and investments that are fair and just—travel needs. Equity—which can be defined as in our ability to meet increasingly more diverse travel needs. As MnDOT's Office of Transit updates the 20-Year Transit Investment Plan, it is collecting new information on where people are going and how they want to travel in greater Minnesota. In this session, you will learn how transit systems are working to accommodate a new future.

Craig Rempp, Chisago–Isanti Heartland Express; Noel Shughart and Sara Dunlap, MnDOT

Session 27: Panel Discussion: Best Practices in Environmental Protection Room 6
Moderator: Ben Dzioba, Braun Intertec
This panel of experts will discuss current best practices for anticipating and limiting impacts to transportation projects caused by protected, endangered, and invasive species.

Jill Mickelson, Braun Intertec; Karen Kalvelage, Wisconsin DNR; Joel Whited, Ames Construction; Andi Moffatt and Tony Havranek, WSB & Associates Inc.

Session 28: Panel Discussion: Project Delivery–Locals Leading the Way Room 2-3
Moderator: Derek Schmidt, WSB & Associates Inc.
Opportunities and challenges arise when local agencies lead projects on MnDOT's trunk highway system. This panel discussion will highlight lessons learned and recommended best practices from local practitioners who have been down this road before.

Derek Schmidt, WSB & Associates Inc.; Lisa Freese, Scott County; Kristin Asher, City of Richfield; Doug Fischer, Anoka County; Will Manchester, City of Minnetonka; Jim Tollass, Ramsey County

Session 29: Innovative Public Engagement Tools Room 5
Moderator: Chris Chromy, Bolton & Menk Inc.
Community engagement is no longer just about your grandpa’s open house. Come learn about the best new tools and strategies for making your next public outreach project better and more inclusive.

Putting the “Pub” in Public Meetings: New Engagement Strategies at MnDOT Fay Simer, Stantec Inc.; Tara McBride, MnDOT

Responsive Engagement: The Future of Transportation Meets the Future of Public Involvement Katie Caskey and Kathleen Mayell, MnDOT; Ashley VerBurg, HDR

Session 30: Alternative Intersection Designs Room 4
Moderator: Dale Grove, Stantec Inc.
As traffic volumes grow, providing safe intersection design becomes more challenging. This session will focus on alternative intersection designs, including continuous flow intersections, with case studies and critical information on new ways to improve intersection safety and mobility.

Alternative Intersection Design Mike Bittner, KLJ

Continuous Flow Intersections (CFI) Joey Lefante, Stantec Inc.

12:30–2:00 p.m.—Lunch and Plenary Session: Beyond Traffic: US DOT’s 30-Year Framework for the Future
Grand Ballroom
Lunch and session sponsored by TKDA

Gregory Nadeau, Administrator, Federal Highway Administration

The US Department of Transportation has worked to develop a framework for transportation issues in the context of our infrastructure deficit, where trends will take us if not addressed, and the possibilities of technology impacts. The framework examines how we move, how we move things, how we adapt to changing trends, and how we align decisions and dollars to guide the development of the transportation system of the future.
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