
ND TRANSPORTATION CONFERENCE
FINAL AGENDA

TUESDAY, MARCH 1ST 2022, BISMARCK EVENT CENTER

7:00am – 10:00am

Registration Desk Open

7:00am For Exhibitors

8:30am For Attendees

Main Level Lobby

10:00am – 10:20am

Opening Remarks

Main Level Hall A

Ron Henke, Deputy Director of Engineering, NDDOT

10:20am – 11:10am

Keynote Address – The New Workforce: How Ready Are You?

Main Level Hall A

Patrick Ibarra, Mejorando Group

BREAKOUT BLOCK 11:20am – 11:50am

**MPOs – The 3Cs and the
WWW**

Main Level Hall A

Metropolitan Planning
Organizations (MPOs): What do
they do? Where do they fit into
the structure of local, regional,
state, and federal governments?
Why and where do they exist?
How MPOs use the 3Cs –
Continuing, Cooperative,
Comprehensive – to further
transportation planning in ND.

Rachel Drewlow, Executive
Director, Bismarck-Mandan MPO

Cindy Gray, Executive Director,
Fargo-Moorhead Metro COG

Teri Kouba, Senior Planner,
Grand Forks-East Grand Forks
MPO

**Performance Engineered
Mixtures**

Prairie Rose Room 1

Learn about the benefits,
advancements, resources on
performance engineered
mixtures, and research available
at National Concrete Pavement
Technology Center (CP Tech
Center).

Dan King, P.E., National Concrete
Pavement Technology Center

**Project Partnering – I-94
Reconstruction**

Prairie Rose Room 2

Project partnering will be
brought to life with a
presentation that merges past
and present, including footage
from a 1995 partnering session
conducted prior to the
reconstruction of a stretch of I-94
in Bismarck. Partnering brings
owners, engineers, and utilities
together in a spirit of cooperation
to help ensure safe, on time,
claims/litigation free, mutually
beneficial project completion.

Bradley A Ballweber, President,
Alpha-Omega Enterprises LLC

TUESDAY, MARCH 1ST 2022, BISMARCK EVENT CENTER

11:50am – 1:00pm

Lunch Hour

Main Level Hall A

12:10 – 12:50

Transportation Funding

Main Level Hall A

Hear an overview of federal and state funding, where transportation funding comes from, and how is it distributed.

Sandy Zimmer, *Financial Program Manager, FHWA – North Dakota Division Office*

Shannon Sauer, *Chief Financial Officer, NDDOT Financial Management Division*

BREAKOUT BLOCK 1:00pm – 1:40pm

**Advancements in Survey
and Data Collection**

Main Level Hall A

New and exciting technology is being leveraged to improve project development and construction. Listen to experts break down what is new in survey data collections and what is coming next.

Kris Johnson, *Survey Manager, NDDOT Design Division*

Troy Zornjak, *Transportation Project Manager, NDDOT Design Division*

Brett Ver Helst, *Engineer Tech IV, NDDOT Design Division*

Nathan Kupfer, *ND-SD Geospatial Consultant, Frontier Precision, Inc.*

**Design and Control of
Concrete Mixtures**

Prairie Rose Room 1

Join Michelle Wilson, author of *Design and Control of Concrete Mixtures 17th Edition*, in a discussion of cement and concrete. *Design and Control of Concrete Mixtures* has been the cement and concrete industry's primary reference on concrete knowledge for almost 100 years. The fully revised 17th edition, published in 2021, includes the many advancements in concrete technology that have occurred since the last edition was published. The text is backed by over 100 years of research by the Portland Cement Association and other industry groups. It reflects the latest guidance on standards, specifications, and test methods.

Michelle L. Wilson, *Senior Director, FACI, Concrete Industry Outreach and Support, Portland Cement Association*

Civil Rights: Why?

Prairie Rose Room 2

The NDDOT Civil Rights Division is responsible for administering Civil Rights programs and enforcing state and federal civil rights laws and legislation for the agency. This presentation covers our efforts to advance positive change in civil rights while maintaining positive relations amongst our stakeholders, the contracting industry, consultants, and employees.

Ramona Bernard, *Civil Rights Division Director, NDDOT*

TUESDAY, MARCH 1ST 2022, BISMARCK EVENT CENTER

BREAKOUT BLOCK 1:50pm – 2:40pm

Planning and Construction of the Amazon Facility in Fargo, ND

Main Level Hall A

Planning, design, and construction of the Amazon facility in Fargo. The Amazon facility is the largest building in North Dakota.

Ezra Ballinger, P.E., Business Unit Leader, Senior Engineer, Braun Intertec

Mike Champion, P.E., Technical Manager, Ulteig

Chris McKay, Senior Survey Technician, Ulteig

Thomas Reisdorf, P.E., Engineer, Ulteig

Sara Schmidt, Project Manager – Traffic Engineering and ITS/CAV, SRF Consulting

Moderated By:

Andi Schmid, P.E., Director of Civil Engineering, Ulteig

Pavement Smoothness & Grinding

Prairie Rose Room 1

This session will discuss grinding procedures and project highlights as well as concrete ride specifications from the NDDOT and contracting perspective.

Dustin Lang, P.E., Transportation Engineer Manager Team Lead, NDDOT Grand Forks District

Larry Scofield, P.E., IGGA – Director of Engineering and Research, ACPA – Director of Pavement Innovation

Understanding Batch Tickets

Prairie Rose Room 1

This session for project managers, engineers, and technicians will discuss what to look for, important metrics, red flags, common issues, and misconceptions with batch tickets.

Greg Johnson, P.E., Terracon

Project Management Techniques & Success

Prairie Rose Room 2

A case study in modern communication for large scale projects with many stakeholders. We will detail cutting edge project management tools used for current on ongoing projects.

Michael E. Johnson, P.E., Urban Engineer, NDDOT Local Government Division

Brandon J. Barnes, P.E., Water Resources Engineer, Barr Engineering

Public Engagement Beyond the Empty Auditorium

Prairie Rose Room 2

Is the newspaper ad and posterboards in a school gymnasium not getting you the engagement you need? This presentation will share public engagement insights, lessons learned, and creative ideas from eight project examples from across the state. Topics will include engaging diverse stakeholder groups, communicating complicated improvement plans, and the best ways to use technology.

Mike Bittner, P.E., PTOE, PTP, RSP, PMP, IMSA II, Principle Project Manager, Bolton & Menk

2:40pm – 3:00pm

Exhibit Hall Networking Break

Refreshments Served In Hall B

TUESDAY, MARCH 1ST 2022, BISMARCK EVENT CENTER

BREAKOUT BLOCK 3:00pm – 3:50pm

**Cement and
Supplementary
Materials Update**

Main Level Hall A

An industry perspective on material futures, demand, future funding, and production.

Portland Limestone Cement:

Michelle L. Wilson, *Senior Director, FCI, Concrete Industry Outreach and Support, Research and Technical Services, Portland Cement Association*

Future of Fly Ash:

Doug S. Rhodes, *Product Development Manager, Boral*

Slag Cement:

Joseph William Clendenen, P.E., LEED AP, *Technical Service Engineer, Holcim*

Material Specs & Department Message:

TJ Murphy, P.E., NDDOT
Materials & Research Division

Moderated By:

Art Thompson, *Executive Director, North Dakota Concrete Council*

**Horseshoe Bend
Landslide**

Prairie Rose Room 1

The Horseshoe Bend landslide is located along US 85, approximately 1¼ miles north of the Little Missouri River. Multiple landslides, which coalesce into a large landslide complex, have been mapped in this area. Landslide activity has affected the roadway since at least the 1970s, resulting in two roadway realignments (the first in the 1980s and the second one in 2011). Following the 2011 realignment, continued movement occurred, which prompted the need for the current project. We will discuss the landslide history in the area, site investigation, subsurface characterization, monitoring, design, and construction of this critical mitigation project for the eventual four-lane improvements of US 85.

Colter Schwagler, P.E.,
Geotechnical Section Team Lead, NDDOT Materials and Research

Greg Fischer, D.GE, PhD, P.E.,
Shannon & Wilson

Bridge View

Prairie Rose Room 1

Hear about a new public-facing GIS map that allows the public to view bridge condition information and other key metrics.

Jon Ketterling, P.E., *State Bridge Engineer, NDDOT*

**Highway Safety
Improvement Program
(HSIP) & Local Road
Safety Program (LRSP)**

Prairie Rose Room 2

The purpose of the HSIP is to significantly reduce traffic fatalities and serious injuries on all public roads. Hear an overview of the HSIP and Local Road Safety Program, including how to apply for funding.

Justin Schlosser, P.E., *Traffic Operations Engineer, NDDOT Programming Division*

TUESDAY, MARCH 1ST 2022, BISMARCK EVENT CENTER

4:00pm – 4:30pm

Closing Comments

Main Level Hall A

Governor Doug Burgum

4:30pm – 7:00pm

Evening Social

Main Level Hall A & Hall B

Appetizers and cash bar.

Live music by the Michael Cartwright quartet.

WEDNESDAY, MARCH 2ND 2022, BISMARCK EVENT CENTER

6:30am – 8:00am

Breakfast

Main Level Hall A

7:30am – 7:45am

Opening Remarks – Day 2

Main Level Hall A

Russ Hanson, Executive Vice President, AGC of North Dakota

BREAKOUT BLOCK 8:00am – 8:50am

Utilities

Main Level Hall A

A panel of industry experts will discuss best practices, lessons learned, and how we are working together to successfully accommodate utilities during highway construction.

Jason Hicks, Chief Financial Officer, Baranko Brothers, Inc

Derek Pfeifer, Program Manager, NDDOT Design Division

Jon Wahlgren, Senior Engineer, Montana-Dakota Utilities

Derek Weigel, General Manager Regional Construction, Midco

Moderated By:

Kevin Brodie, FHWA Transportation Engineer

FHWA MATC Lab

Prairie Rose Room 1

FHWA Mobile Asphalt Technology Center (MATC), a trailer fitted with state-of-the-art testing equipment, came to Mohall, ND in the summer of 2021 to test asphalt on a project on Hwy 83. The FHWA will give an overview of the MATC program and detail their experience on the project and provide testing results.

Leslie Ann Myers, Ph.D., P.E., Senior Asphalt Pavement Engineer, FHWA Headquarters – Office of Preconstruction, Construction, and Pavements (HICP-40)

Roundabouts

Prairie Rose Room 2

Roundabouts are a proven way to improve traffic flow and reduce crashes. Hear success stories from team members involved in the ND 200 and ND 49 roundabout projects.

Monte Deis, P.E., Transportation Engineer, NDDOT

Kenzie Robertson, P.E., Engineer, Highlands Engineering

8:50am – 9:10am

Exhibit Hall Networking Break

WEDNESDAY, MARCH 2ND 2022, BISMARCK EVENT CENTER

BREAKOUT BLOCK 9:10am – 10:00am

Government Agency Coordination: Planning, Design, and Construction of ND Flood Diversions

Main Level Hall A

It takes a team approach to ensure the public is served best. Listen to an overview of North Dakota Flood Diversion projects and the multi-agency coordination that made it successful.

Jason Benson, P.E., *Cass County Engineer*

Kris Bakkegard, P.E., *Director of Engineering, Metro Flood Diversion Authority*

Asphalt Construction Innovations

Prairie Rose Room 1

Join the NDDOT District Materials Coordinator and consultant project engineer for a discussion on Intelligent Construction and research efforts on an asphalt project in Finley, ND.

Curtis Dunn, P.E., *Materials Coordinator, NDDOT Grand Forks District*

Melissa Korby, *Interstate Engineering, Inc.*

Mobile Mapping Technology

Prairie Rose Room 2

Mobile Mapping Technology and creating deliverables in Trimble Business Center.

Dylan Jones, *Applied Geospatial Engineer, Frontier Precision*

10:00am – 10:20am

Exhibit Hall Networking Break

Refreshments Served In Hall B

BREAKOUT BLOCK 10:20am – 10:50am

Local Innovations

Main Level Hall A

A discussion of two innovative road maintenance projects – a High Friction Surface Treatment (HFST) in Mountrail County and an OTTA Seal in Lamoure County.

Matthew Johnson, P.E., *Western North Dakota Transportation Liaison, UGPTI*

Josh Loegering, P.E., *Highway Superintendent/Engineer, Lamoure County*

Every Day Counts – Round 6

Prairie Rose Room 1

A discussion on the Targeted Overlay Pavement Solutions (TOPS) program. Past efforts that have become mainstream and new efforts in the works.

Rouzbeh Ghabchi, Ph.D., P.E., *Assistant Professor, South Dakota State University*
Moderated By:

Ken Swedeen, *Executive Director, Dakota Asphalt Pavement Association*

Transportation Management Center – An Overview

Prairie Rose Room 2

The current state of Transportation Management Centers and what to expect in the future.

Brandon Beise, P.E., *Maintenance Operations Section Supervisor, NDDOT Maintenance Division*

Brad Wentz, P.E., *Program Director, Advance Traffic Analysis Center & Dept of Transportation Support Center (NDSU)*

WEDNESDAY, MARCH 2ND 2022, BISMARCK EVENT CENTER

11:00am – 11:40am

Building the Vision Zero Vision

Main Level Hall A

These coordinators are passionate about getting the word out about Vision Zero. Listen as they provide an update on the work they're doing to reduce crash fatalities in North Dakota.

Ryan Gellner, *Vision Zero Outreach Program Manager – SE Region, NDACo*

Theresa Liebsch, *Vision Zero Regional Coordinator – SW Region, Morton County*

11:40am – 12:00pm

Closing Keynote - *The Art of The Frontman*

Main Level Hall A

Michael Cartwright