NORTH DAKOTA ASPHALT CONFERENCE

March 31 - April 1, 2015 • Ramada Bismarck Hotel

A SPECIAL WELCOME TO FIRST-TIME ATTENDEES

We are pleased you've decided to attend your first ND Asphalt conference. The agenda is full of educational opportunities plus you will have plenty of time to network with experts in the asphalt industry.

A BIG THANK YOU TO OUR SPONSORS

This conference simply could not happen if it weren't for our generous sponsors. If you see one of our sponsors be sure to thank them for their support of the ND Asphalt Conference.

QUESTIONS, COMMENTS AND FEEDBACK

If you have any questions please see the registration table and we will do our best to get your questions answered. Please remember to fill out the conference evaluation form. This is your conference and we want to be sure this conference is meeting your expectations.



All presentations will be available on the NDLTAP website after the conference, **www.ndltap.org**.

This conference is coordinated and sponsored by the North Dakota Local Technical Assistance Program (a program under Upper Great Plains Transportation Institute, North Dakota State University), North Dakota Department of Transportation, Dakota Asphalt Pavement Association, and Associated General Contractors of North Dakota.



North Dakota State University does not discriminate on the basis of age, color, disability, gender expression/identity, genetic information, marital status, national origin, public assistance status, sex, sexual orientation, status as a U.S. veteran, race or religion. Direct inquiries to the Vice President for Equity, Diversity and Global Outreach, 205 Old Main, (701) 231-7708.

CONFERENCE AGENDA

TUESDAY, MARCH 31, 2015 - MODERATOR • TREVOR CHRISTIANSON

- 1:00 1:10 PM WELCOME Dale Heglund, NDLTAP Director
- 1:10 1:40 PM FHWA UPDATE Wendall Meyer, FHWA ND Division
- 1:40 2:20 PM NDDOT UPDATE Grant Levi, NDDOT Director
- 2:20 2:30 PM **2014 NDDOT CONSTRUCTION: RIDE QUALITY RESULTS UPDATE** Clayton Schumaker, NDDOT Materials & Research Lab Geotechnical/Research Engineer
- 2:30 3:00 PM **2013 & 2014 ND RIDE AWARDS** Ken Swedeen, DAPA Executive Director
- 3:00 3:15 PM Break
- 3:15 4:00 PM LATE SEASON PAVING IN ND OIL COUNTRY (panel discussion) Jim Lynch, Regional Representative, Mead WestVaco Jeff Brummer, Anderson Western Representative Gary Brennan, Brosz Engineering Representative Joe Davis, NDDOT Materials & Research Representative
- 4:00 5:00 PM **PREVENTIVE MAINTENANCE, TECHNIQUES AND TIMING** Larry Galehouse, Director, National Center for Pavement Preservation – Michigan State University, Lansing
- 5:00 PM Social & Appetizers

CONFERENCE AGENDA

WEDNESDAY, APRIL 1, 2015 - MODERATOR • MIKE AUBOL

- 7:00 8:00 AM Continental Breakfast
- 8:00 8:45 AM **MnDOT's PREVENTIVE MAINTENANCE TREATMENTS** Tom Wood, MnDOT Research Project Supervisor
- 8:45 9:15 AM **METHOD FOR SPECIFYING ASPHALT BINDERS, MSCR** Marla Kilberg, Flint Hills Resource
- 9:15 10:00 AM **MICRO-MILLING** Kyle Hammon, ROADTEC, Inc.
- 10:00 10:15 AM Break
- 10:15 11:00 AM CRACKING PERFORMANCE MACHINE Tom Brovold, TestQuip President
- 11:00 11:30 AM **PAVEXpress** Ken Swedeen
- 11:30 AM Noon **PAVEMENT DESIGN BASICS**

Part 1 – ADT & ESALS – Design Info Nickie Reis, NDDOT Planning

Part 2 – Pavement Designs – Structural Numbers

Tom Bold, NDDOT Materials & Research

CONFERENCE SPEAKERS

Tom Bold	NDDOT		
Gary Brennan	Brosz Engineering		
Tom Brovold	TestQuip		
Jeff Brummer	Anderson Western		
Joe Davis	NDDOT		
Larry Galehouse	National Center for Pavement Preservation		
Kyle Hammon	ROADTEC, Inc.		
Marla Kilberg	Flint Hills Resource		
Grant Levi	NDDOT		
Jim Lynch	Mead WestVaco		
Wendall Meyer	FHWA North Dakota Division		
Nickie Reis	NDDOT		
Clayton Schumaker	NDDOT		
Ken Swedeen	Dakota Asphalt Pavement Association		
Tom Wood	MnDOT		

2013 ND RIDE QUALITY AWARDS

COMPANY	PROJECT	AWARD	CATEGORY
Knife River	SOIH-7-085(034)240	1st Place	Reconst./M&B Opportunity
Knife River	NH-4-023(015)056	2nd Place	Reconst./M&B Opportunity
Knife River	SOIA-7-002(134)076	1st Place	Structural Overlay Opportunity
Knife River	SOIA-7-002(134)064	2nd Place	Structural Overlay Opportunity
Mayo Construction	NH-4-002(096)150	3rd Place	Structural Overlay Opportunity
Central Specialties Inc	SNH-2-052(038)244	1st Place	TLO

2014 ND RIDE QUALITY AWARDS

COMPANY	PROJECT	AWARD	CATEGORY
Knife River	ND-8-200(027)406	1st Place	One Opportunity
Knife River	H-6-018(067)163	2nd Place	One Opportunity
Mark Sand & Gravel	H-029(162)039	3rd Place	One Opportunity
Central Specialties Inc	SS-8-046(025)079	1st Place	Two Opportunity
Central Specialties Inc	SOIA-7-085(089)152	2nd Place	Two Opportunity
Northern Improvement	SOIA-7-085(086)163	3rd Place	Two Opportunity
Knife River	SOIA-7-085(072)138	1st Place	Three Opportunity
Central Specialties Inc	SOIA-7-085(064)160	2nd Place	Three Opportunity
Anderson Western	NH-SHE-1-083(104)128	3rd Place	Three Opportunity

Awards sponsored by North Dakota Department of Transportation and Dakota Asphalt Pavement Association

CONFERENCE SPONSORS

PLATINUM SPONSORS (\$1,000+)



GOLD SPONSORS (\$750-\$999)

<section-header><image><image><image><image><image><image><image>



CONFERENCE ATTENDEES

Ben Aaseth, Interstate Engineering Jay Alberta, NDDOT Taylor Amiot, AE2S Mike Aubol, Morton County Andy Ayash, Ulteig Engineers, Inc. Seung IL Baek, NDDOT Sandy Baisch, NDLTAP Eric Baker, ROADTEC Inc Mike Bassingthwaite, Interstate Engineering, Inc. Holly Beck, Holly Beck Surveying & Engineering, Inc Chad Beggs, NDDOT Chris Beggs, NDDOT Logan Beise, NDDOT Casey Bekkerus, Ulteig Paul Benning, NDDOT Travis Berends, Ulteig Tom Bold, NDDOT Andy Boomgaarden, Interstate Engineering Gary Brennan, Brosz Engineering, Inc. Tom Brovold, TestQuip Denise Brown, NDLTAP Jason Brown, Knife River Corporation-North Dakota Division David Bruins, NDDOT Jeff Brummer, Anderson Western Ben Bullinger, Wold Engineering , P.C. Rob Bushard, City of Bismarck Brian Busta, Cass County Cody Casper, Knife River Steve Chase, NDLTAP Trevor Christianson, Mayo Construction James Dahlman, Interstate Engineering, Inc. Kevin Dahly, NDDOT Brad Darr, NDDOT Joe Davis, NDDOT Damon DeVillers, Interstate Engineering, Inc. Travis Dillman, Interstate Engineering Curt Dunn, NDDOT Anthony Edwards, Ulteig Chad Eklund, NDDOT Paul Epple, Knife River Corporation-North Dakota Division Justine Fedde, SRF Consulting Group, Inc. Doug Fercho, NDDOT Kevin Fieldsend, Ramsey County Stephanie Flowers, Williams County Highway Dept Timothy Friezen, NDDOT Larry Galehouse, National Center for Pavement Preservation-MSU Jason Gall, Knife River Corporation-North Dakota Division Cal Gendreau, NDDOT Jim Glick, NDDOT Gary Goff, FHWA ND Division Jarod Griffith, Interstate Engineering Inc Brian Hach, NDDOT Kevin Hanson, NDDOT Julie Hassett, NDDOT Dale Heglund, NDLTAP

Kay Helland, NDDOT Lonnie Heth, NDDOT Amer Hmidan, NDDOT Kirk Hoff, NDDOT Denis Horn, NDDOT Thomas Hughes, Knife River Corporation-North Dakota Division Jason Hunter, NDDOT Josh Ide, NDDOT Brady Inches, City of Minot Kent Indvik, Wold Engineering , P.C. Jon Iserman, Ulteig Engineers, Inc. Jeff Iverson, Billings County Josh Jochim, NDDOT Eugene R. Johnson, NDDOT Hunter Johnson, City of Bismarck Public Works Matt Johnson, Wold Engineering , P.C. Todd Kelley, City of Watford City Marla Kilburg, Flint Hills Resources, LP Byron Kleven, City of Stanley Clint Knutson, Ulteig Daryl Knutson, Interstate Engineering, Inc. Greg Kolden, NDDOT Melissa Korby, Interstate Engineering, Inc. Jason Kral, Interstate Engineering Inc Kurt Kuechle, Braun Intertec John Kvare, Kvare Inc. Blaine Laaveg, Cass County Dustin Lang, NDDOT Dana Larsen, Ward County Highway Department Eric Larson, Wold Engineering , P.C. Aaron Lauinger, Ulteig Joe Lawson, NDDOT Grant Levi, NDDOT Kevin Levi, NDDOT Mark Limpert, Stantec Consulting, Inc Darin Lindblom, NDDOT Sharon Lipsh, Walsh County Highway Dept Kyle Litchy, Cass County Jim Lynch, Mead WestVaco Ryan Lynch, Flint Hills Resources, LP Michael Mart, City of Bismarck Carl Martin, selfemployed James Martin, TAIT and Associates, Inc. Michael May, Interstate Engineering Jason Mayfield, Wold Engineering , P.C. Jeffrey McElwain, Ackerman-Estvold Aaron Medenwaldt, Interstate Engineering Lee Meier, Hettinger County Wendall Meyer, FHWA ND Division Matt Meyers, City of Bismarck Public Works Kyle Mittlieder, NDDOT Don Mohagen, NDDOT Eric Molbert, Sambatek Gaoty Mouyabi Maouene, Ulteig Amanda Mrnak, Ulteig

CONFERENCE ATTENDEES CONTINUED

Phil Murdoff, NDDOT Peter Murphy, City of Minot Jake Nagel, City of Bismarck Public Works Mackenzie Nauman, CHS Inc. Kevin Nelson, NDDOT Brad Nottestad, City of Bismarck Public Works Greg Olson, NDDOT Tyler Peterson, NDDOT-Valley City Mike Pike, NDDOT John Plaggemeyer, Hettinger County Jay Praska, NDDOT - Valley City District Justin Ramsey, NDDOT Brenda Red Wing, FHWA ND Division Ross Reinbold, City of Bismarck Public Works Nickie Reis, NDDOT Dave Renner, City of Bismarck Dan Roberson, City of Bismarck Justin Rogstad, NDDOT Dennis Rowell, NDDOT John Saiki, SRF Consulting Group, Inc. Brooks Salhus, City of Bismarck Public Works Brad Schaff, Sambatek Dan Schellhammer, Midstate Reclamation and Trucking **Richard Schlenker, NDDOT** Dean Schloss, NDDOT Andria Schmid, Ulteig David Schmitz, Ulteig Richard Schneider, SRF Consulting Group, Inc. Adam Schoenherr, Ulteig Engineers, Inc. Ryan Schuehle, SRF Consulting Group, Inc. Clayton Schumaker, NDDOT Jesse Sedler, Interstate Engineering, Inc. Chad Seidel, City of Bismarck Korby Seward, NDDOT Paul Sharp, Interstate Engineering Tuguldur Shinezorig, Williams County Highway Dept Linda Smestad, City of Bismarck Jeff Smith, Wold Engineering , P.C.

Justin Smith, City of Watford City Rob Snider, City of Bismarck Public Works Randy Sogge, NDDOT Thomas Soucy, Cass County Candy Stave, NDDOT Brian Stuhlmiller, City of Bismarck Nabil Suleiman, UND Jeff Swank, NDDOT Ken Swedeen, DAPA Wayde Swenson, NDDOT Jessica Tagestad, Wold Engineering, P.C. Ron Tessier, DAPA Steve Thompson, Interstate Engineering Jason Thorenson, NDDOT Troy Tooz, LJA Gary Trottier, NDDOT John Truckowski, Wold Engineering, P.C. Eli Ulmer, NDDOT Eric Urness, Interstate Engineering Inc Bobby Usher, NDDOT Taylor VanEaton, NDDOT Daniel Viau, NDDOT Tim Volk, NDDOT Matthew Walsvik, LJA Stephanie Weigel, NDDOT Tom Weigel, Holly Beck Surveying & Engineering, Inc Lee Westling, NDDOT Dennis Wetzel, City of Bismarck Public Works Mike Whaley, City of Minot Scott Whaley, Tensar Corporation Jeff Wilcox, Sambatek Joe Wilson, SRF Consulting Group, Inc. Steve Windish, Ulteig Tyler Wollmuth, NDDOT Tom Wood, MnDOT Andrew Wrucke, Cass County Bryce Wuori, Northern Improvement Company Jon Yocom, Ulteig

CONFERENCE STEERING COMMITTEE

Mike Aubol, Morton County Denise Brown, ND Local Technical Assistance Program Dale Heglund, ND Local Technical Assistance Program Mark Hendrickson, Northern Improvement Company Jeremy Holt, Anderson Western Mike Kisse, NDDOT Ryan Lynch, Flint Hills Resources Michael Mart, City of Bismarck Justin Ramsey, NDDOT Clayton Schumaker, NDDOT Ken Swedeen, Dakota Asphalt Pavement Association Ron Tessier, Dakota Asphalt Pavement Association



ND Asphalt Conference Ramada Bismarck Hotel

