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.

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### Conference Agenda

**Tuesday, March 31, 2015 - Moderator • Trevor Christianson**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00 – 1:10 PM</td>
<td>WELCOME – Dale Heglund, NDLTAP Director</td>
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<tr>
<td>1:10 – 1:40 PM</td>
<td>FHWA UPDATE – Wendall Meyer, FHWA ND Division</td>
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<tr>
<td>1:40 – 2:20 PM</td>
<td>NDDOT UPDATE – Grant Levi, NDDOT Director</td>
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<tr>
<td>2:20 – 2:30 PM</td>
<td><strong>2014 NDDOT CONSTRUCTION: RIDE QUALITY RESULTS UPDATE</strong> Clayton Schumaker, NDDOT Materials &amp; Research Lab Geotechnical/Research Engineer</td>
</tr>
<tr>
<td>2:30 – 3:00 PM</td>
<td><strong>2013 &amp; 2014 ND RIDE AWARDS</strong> Ken Swedeen, DAPA Executive Director</td>
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<tr>
<td>3:00 – 3:15 PM</td>
<td>Break</td>
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<tr>
<td>3:15 – 4:00 PM</td>
<td><strong>LATE SEASON PAVING IN ND OIL COUNTRY</strong> (panel discussion) Jim Lynch, Regional Representative, Mead WestVaco Jeff Brummer, Anderson Western Representative Gary Brennan, Brosz Engineering Representative Joe Davis, NDDOT Materials &amp; Research Representative</td>
</tr>
<tr>
<td>4:00 – 5:00 PM</td>
<td><strong>PREVENTIVE MAINTENANCE, TECHNIQUES AND TIMING</strong> Larry Galehouse, Director, National Center for Pavement Preservation – Michigan State University, Lansing</td>
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<tr>
<td>5:00 PM</td>
<td>Social &amp; Appetizers</td>
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<tr>
<td>Time</td>
<td>Event</td>
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<tr>
<td>7:00 – 8:00 AM</td>
<td>Continental Breakfast</td>
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<tr>
<td>8:00 – 8:45 AM</td>
<td><strong>MnDOT’s PREVENTIVE MAINTENANCE TREATMENTS</strong></td>
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<tr>
<td></td>
<td>Tom Wood, MnDOT Research Project Supervisor</td>
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<tr>
<td>8:45 – 9:15 AM</td>
<td><strong>METHOD FOR SPECIFYING ASPHALT BINDERS, MSCR</strong></td>
</tr>
<tr>
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<td>Marla Kilberg, Flint Hills Resource</td>
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<tr>
<td>9:15 – 10:00 AM</td>
<td><strong>MICRO-MILLING</strong></td>
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<tr>
<td></td>
<td>Kyle Hammon, ROADTEC, Inc.</td>
</tr>
<tr>
<td>10:00 – 10:15 AM</td>
<td>Break</td>
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<tr>
<td>10:15 – 11:00 AM</td>
<td><strong>CRACKING PERFORMANCE MACHINE</strong></td>
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<tr>
<td></td>
<td>Tom Brovold, TestQuip President</td>
</tr>
<tr>
<td>11:00 – 11:30 AM</td>
<td><strong>PAVExpress</strong></td>
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<tr>
<td></td>
<td>Ken Swedeen</td>
</tr>
<tr>
<td>11:30 AM – Noon</td>
<td><strong>PAVEMENT DESIGN BASICS</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Part 1 – ADT &amp; ESALS – Design Info</strong></td>
</tr>
<tr>
<td></td>
<td>Nickie Reis, NDDOT Planning</td>
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<tr>
<td></td>
<td><strong>Part 2 – Pavement Designs – Structural Numbers</strong></td>
</tr>
<tr>
<td></td>
<td>Tom Bold, NDDOT Materials &amp; Research</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>COMPANY</th>
<th>PROJECT</th>
<th>AWARD</th>
<th>CATEGORY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knife River</td>
<td>SOIH-7-085(034)240</td>
<td>1st Place</td>
<td>Reconst./M&amp;B Opportunity</td>
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<tr>
<td>Knife River</td>
<td>NH-4-023(015)056</td>
<td>2nd Place</td>
<td>Reconst./M&amp;B Opportunity</td>
</tr>
<tr>
<td>Knife River</td>
<td>SOIA-7-002(134)076</td>
<td>1st Place</td>
<td>Structural Overlay Opportunity</td>
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<tr>
<td>Knife River</td>
<td>SOIA-7-002(134)064</td>
<td>2nd Place</td>
<td>Structural Overlay Opportunity</td>
</tr>
<tr>
<td>Mayo Construction</td>
<td>NH-4-002(096)150</td>
<td>3rd Place</td>
<td>Structural Overlay Opportunity</td>
</tr>
<tr>
<td>Central Specialties Inc</td>
<td>SNH-2-052(038)244</td>
<td>1st Place</td>
<td>TLO</td>
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## 2014 ND RIDE QUALITY AWARDS

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

Awards sponsored by North Dakota Department of Transportation and Dakota Asphalt Pavement Association
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- [Northern Improvement Co.](#)
- [KLJ](#)
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Seung IL Baek, NDDOT
Sandy Baisch, NDLTAP
Eric Baker, ROADTEC Inc
Mike Bassingthwaitie, Interstate Engineering, Inc.
Holly Beck, Holly Beck Surveying & Engineering, Inc
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Chris Beggs, NDDOT
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Paul Benning, NDDOT
Travis Berends, Ulteig
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Gary Brennan, Brosz Engineering, Inc.
Tom Brovold, TestQuip
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Jason Brown, Knife River Corporation-North Dakota Division
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Cody Casper, Knife River
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Joe Davis, NDDOT
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Anthony Edwards, Ulteig
Chad Eklund, NDDOT
Paul Eppele, 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
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Lonnie Heth, NDDOT
Amer Hmidan, NDDOT
Kirk Hoff, NDDOT
Denis Horn, NDDOT
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Matt Johnson, Wold Engineering, P.C.
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Marla Kilburg, Flint Hills Resources, LP
Byron Kleven, City of Stanley
Clint Knutsen, Ulteig
Daryl Knutsen, Interstate Engineering, Inc.
Greg Kolden, NDDOT
Melissa Korby, Interstate Engineering, Inc.
Jason Kral, Interstate Engineering Inc
Kurt Kuechle, Braun Intertec
John Kvale, Kvale Inc.
Blaine Lavey, 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.
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Amanda Mrnak, Ulteig
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Justin Ramsey, NDDOT
Brenda Red Wing, FHWA ND Division
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Dave Renner, City of Bismarck
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Dennis Rowell, NDDOT
John Saiki, SRF Consulting Group, Inc.
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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.
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Chad Seidel, City of Bismarck
Korby Seward, NDDOT
Paul Sharp, Interstate Engineering
Tuguldur Shinezorig, Williams County Highway Dept
Linda Smedstad, 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 Tagedast, Wold Engineering, P.C.
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Steve Thompson, Interstate Engineering
Jason Thorenson, NDDOT
Troy Tooz, LIA
Gary Trottier, NDDOT
John Truckowski, Wold Engineering, P.C.
Eli Ulmer, NDDOT
Eric Urness, Interstate Engineering Inc
Bobby Usher, NDDOT
Taylor VanEaton, NDDOT
Daniel Vial, NDDOT
Tim Volk, NDDOT
Matthew Walsvik, LIA
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 Wruce, 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

SAVE THE DATE

APRIL 5-6 2016

ND Asphalt Conference
Ramada Bismarck Hotel