North Dakota ASPHALT conference

April 5-6, 2016 · 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, physical and mental disability, pregnancy, public assistance status, race, religion, sex, sexual orientation, or status as a U.S. veteran. Direct inquiries to: Vice Provost for Faculty and Equity, Old Main 201, 701-231-7708; Title IX/ADA Coordinator, Old Main 102, 701-231-6409.
# Conference Agenda

**TUESDAY, APRIL 5, 2016**  
**MODERATOR – MARK DOUGHERTY**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00 – 1:10 PM</td>
<td><strong>WELCOME</strong> – Dale Heglund, NDLTAP Director</td>
</tr>
<tr>
<td>1:10 – 1:40 PM</td>
<td><strong>NDDOT UPDATE</strong> – Grant Levi, NDDOT Director</td>
</tr>
<tr>
<td>1:40 – 2:00 PM</td>
<td><strong>FHWA UPDATE</strong> – Kevin Michel, Engineering Services Team Leader, FHWA ND Division</td>
</tr>
<tr>
<td>2:00 – 3:00 PM</td>
<td><strong>NCAT TEST TRACK RESEARCH – PAVEMENT PRESERVATION – TEST TRACK FINDINGS</strong> – Buzz Powell, National Center for Asphalt Technology</td>
</tr>
<tr>
<td>3:00 – 3:15 PM</td>
<td>Break</td>
</tr>
<tr>
<td>3:15 – 4:15 PM</td>
<td><strong>BINDER BASICS – SPECIFICATIONS, HISTORY AND FUTURE</strong> – Mark Blow, PE, Asphalt Institute</td>
</tr>
<tr>
<td>4:15 – 4:30 PM</td>
<td><strong>NDDOT PAVING REPORT</strong> – Clayton Schumaker, Assistant State Materials Engineer, NDDOT</td>
</tr>
<tr>
<td>4:30 – 5:00 PM</td>
<td><strong>TIPS FOR LOW VOLUME ROAD DESIGNS</strong> – Ken Swedeen, DAPA Executive Director</td>
</tr>
<tr>
<td>5:00 PM</td>
<td>Social &amp; Appetizers</td>
</tr>
<tr>
<td>Time</td>
<td>Session</td>
</tr>
<tr>
<td>-----------------</td>
<td>---------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>7:00 – 8:00 AM</td>
<td>Continental Breakfast</td>
</tr>
<tr>
<td>8:00 – 8:45 AM</td>
<td><strong>NCAT QUARRY ROAD – TEST TRACK – THIN LIFT OVERLAYS, RESEARCH REVIEW AND TRUCK LOADING INFO</strong></td>
</tr>
<tr>
<td></td>
<td>Buzz Powell, National Center for Asphalt Technology</td>
</tr>
<tr>
<td>8:45 – 9:15 AM</td>
<td><strong>DEPRESSED JOINT TEST SECTION: COUNTY REVIEW</strong></td>
</tr>
<tr>
<td></td>
<td>Kerry Johnson, Barnes County</td>
</tr>
<tr>
<td></td>
<td>Tom Cannon, Maxwell Products</td>
</tr>
<tr>
<td>9:15 – 10:00 AM</td>
<td><strong>SPRAY PAVING</strong></td>
</tr>
<tr>
<td></td>
<td>Jason Johnson, ArrMaz</td>
</tr>
<tr>
<td></td>
<td>Rick Barezinsky, KDOT Chief Field Engineer</td>
</tr>
<tr>
<td>10:00 – 10:15 AM</td>
<td>Break</td>
</tr>
<tr>
<td>10:15 – 11:00 AM</td>
<td><strong>ROAD RECLAMATION INDUSTRY OVERVIEW: PAVEMENT PRESERVATION, HIR, CIR, FDR AND SOIL STABILIZATION</strong></td>
</tr>
<tr>
<td></td>
<td>Jonathon Pease, Rock Solid</td>
</tr>
<tr>
<td>11:00 AM – Noon</td>
<td><strong>WHAT MINNESOTA IS DOING TO IMPROVE PM TREATMENTS PERFORMANCE</strong></td>
</tr>
<tr>
<td></td>
<td>Tom Wood, MnDOT Research Project Supervisor</td>
</tr>
</tbody>
</table>
## Conference Speakers

<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rick Barezinsky</td>
<td>KDOT</td>
</tr>
<tr>
<td>Mark Blow</td>
<td>Asphalt Institute</td>
</tr>
<tr>
<td>Tom Cannon</td>
<td>Maxwell Products</td>
</tr>
<tr>
<td>Kerry Johnson</td>
<td>Barnes County</td>
</tr>
<tr>
<td>Jason Johnson</td>
<td>ArrMaz</td>
</tr>
<tr>
<td>Grant Levi</td>
<td>NDDOT</td>
</tr>
<tr>
<td>Kevin Michel</td>
<td>FHWA North Dakota Division</td>
</tr>
<tr>
<td>Jonathon Pease</td>
<td>Rock Solid Stabilization &amp; Reclamation</td>
</tr>
<tr>
<td>Buzz Powell</td>
<td>National Center for Asphalt Technology</td>
</tr>
<tr>
<td>Clayton Schumaker</td>
<td>NDDOT</td>
</tr>
<tr>
<td>Ken Swedeen</td>
<td>Dakota Asphalt Pavement Association</td>
</tr>
<tr>
<td>Tom Wood</td>
<td>MnDOT</td>
</tr>
</tbody>
</table>
## 2015 North Dakota 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>SNH-2-281(040)049</td>
<td>1st Place</td>
<td>One Opportunity</td>
</tr>
<tr>
<td>Central Specialties, Inc</td>
<td>SNH-4-052(064)097</td>
<td>2nd Place</td>
<td>One Opportunity</td>
</tr>
<tr>
<td>Central Specialties, Inc</td>
<td>SNH-NHU-2-052(031)252</td>
<td>3rd Place</td>
<td>One Opportunity</td>
</tr>
<tr>
<td>Central Specialties, Inc</td>
<td>SOIB-5-094(089)079</td>
<td>1st Place</td>
<td>Two Opportunity</td>
</tr>
<tr>
<td>Central Specialties, Inc</td>
<td>SOIA-7-085(087)171</td>
<td>2nd Place</td>
<td>Two Opportunity</td>
</tr>
<tr>
<td>Mayo Construction Inc</td>
<td>SAP-7-002(110)123</td>
<td>3rd Place</td>
<td>Two Opportunity</td>
</tr>
<tr>
<td>Anderson Western</td>
<td>IM-1-094(148)182</td>
<td>1st Place</td>
<td>Three Opportunity</td>
</tr>
<tr>
<td>Nelcon, Inc</td>
<td>SOIB-5-094(101)000</td>
<td>2nd Place</td>
<td>Three Opportunity</td>
</tr>
<tr>
<td>Knife River Materials</td>
<td>HRR-8-200(020)951</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
Conference Sponsors

**PLATINUM SPONSORS ($1,000+)**

- Knife River
- Tensar
- Wold Engineering, P.C.
- Rock Solid Stabilization & Reclamation, Inc.

**GOLD SPONSORS ($750–$999)**

- General Equipment & Supplies, Inc.

**SILVER SPONSORS ($500–$749)**

- Ackerman Estvold
- Brosz Engineering, Inc.
- Interstate Engineering
- Northern Improvement Co.
- Bartlett & West
- CHS
- Ulteig
Conference Sponsors continued

<table>
<thead>
<tr>
<th>BRONZE SPONSORS ($100–$499)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRAUN INTERTEC</td>
</tr>
<tr>
<td>CAVALIER PHONE MAYO</td>
</tr>
<tr>
<td>Terracon</td>
</tr>
<tr>
<td>moore engineering, inc.</td>
</tr>
</tbody>
</table>
Conference Attendees

Ben Aaseth, Interstate Engineering
Tim Arens, Ackerman-Estvold
Alex Ausk, Apex Engineering Group
Sandy Baich, NDLTAP
Rick Barezinsky, KDOT
Mike Bassingthwait, Interstate Engineering, Inc.
Dave Bechtel Burleigh County Highway Department
Chris Beggs NDDOT
Amy Beise NDDOT
Brandon Beise, NDDOT
Logan Beise, NDDOT
Paul Benning, NDDOT
Travis Berends, Ulteig
Tyler Birchem, Interstate Engineering
Mark Blow, Asphalt Institute
Mike Brever, Central Specialties Inc.
Kevin Brodie, FHWA
Aaron Brothern, General Equipment & Supplies, Inc
Denise Brown, NDLTAP
Jason Brown, Knife River Corporation
Tom Cannon, Maxwell Products
Cody Casper, Knife River Corporation
Steve Chase, NDLTAP
Scott Clausen, NDDOT
Bryan Coons, Bargen Inc
Robert Cournoyer, Northern Improvement Company
James Dahlman, Interstate Engineering, Inc.
Kevin Dahly, NDDOT
Brad Farr, NDDOT
Roger Decker, Billings County
Todd Decker, Northern Improvement Company
Jamie Demaree, NDDOT
Mark Dougherty, Associated General Contractors of ND
Curt Dunn, NDDOT
Travis Eckroth, Burleigh County Highway Dept.
Casey Einrem, Burleigh County Highway Department
Doug Fercho, NDDOT
David Ferrell, FHWA
Kevin Fieldsend, Ramsey County
Stephanie Flowers, Williams County Highway Dept
Nikki Frank, Ulteig
Bryon Fuchs, NDDOT
Eric Gaasland, NDDOT
Cal Gendreau, NDDOT
Jim Glick, NDDOT
Gary Goff, FHWA
Richard Graf, Northern Improvement Company
Emily Gustafson, NDDOT
Mike Guymon, Maxwell Products
Chad Hanson, Husky Energy
Stacey Hanson, NDDOT
Josh Hart, Knife River Corporation
Zach Hatting, Interstate Engineering Inc.
Steve Haugen, Northern Improvement Company
Dale Heglund, NDLTAP
Glenn Heizelman, NDDOT
Mark Hendrickson, Northern Improvement Company
Amer Hrnidan, NDDOT
Kirk Hoff, NDDOT
Alec Hovick, American Engineering Testing, Inc
Tom Hughes, Knife River Corporation
Josh Ide, NDDOT
Jason Irey, Northern Improvement Company
Jon Iserman, Ulteig
Tim Jacobs, Burleigh County Highway Department
Patrick Jensen, Terracon
Cash Johnson, Central Specialties Inc.
Jared Johnson, Ward County Highway Department
Jason Johnson, ArrMaz
Kerry Johnson, Barnes County
Scott Johnson, Interstate Engineering, Inc.
Tom Johnson, Ulteig
Michael Kadow, Flint Hills Resources
Gurpreet Kahlon, NDDOT
Ty Kelsch, Terracon
Don Kern, General Equipment & Supplies, Inc
Matt Kern, General Equipment & Supplies, Inc
Brad Kerzman, NDDOT
Daryl Knutson, Interstate Engineering, Inc.
Melissa Korby, Interstate Engineering, Inc.
Jennie Krause, KLJ
Josh Kueber, Ulteig
Kurt Kuechle, Braun Intertec
Mark Kvas, Bartlett & West
Kent Leben, NDDOT
Loren Lee, NDDOT
Grant Levi, NDDOT
Kevin Levi, NDDOT
Mike Lipp, Northern Improvement Company
Sharon Lipsch, Walsh County Highway Dept
Gabe Maliscke, Ulteig
Jason Manlove, KLJ
Jon Markusen, KLJ
Michael May, Interstate Engineering
Travis McCloud, NDDOT
Steve McCormick Jr., Northern Improvement Company
Jeff McElwain, Ackerman-Estvold
James Mertz, Ward County Highway Department
Kevin Michel, FHWA ND Division
Chris Miller, Northern Improvement Company
Sharron Miller, Northern Improvement Company
Travis Miller, NDDOT
Kyle Mittlieder, NDDOT
Corey Mohl, Northern Improvement Company
Amy Morhart, Husky Energy
Gaoty Mouyabi Maouene, Ulteig
Chuck Olsen, Benchmark Engineering
Greg Olson, NDDOT
Conference Attendees continued

Chris Padilla, NDLTAP
Jonathan Pease, Rock Solid Stabilization & Reclamation, Inc.
Buzz Powell, National Center for Asphalt Technology
Gary Richter, Northern Improvement Company
Travis Ripplinger, NDDOT
Jeff Robinson, Robinson Grinding & Profiling LLC
Darcy Rosendahl, NDDOT
Steve Salwei, NDDOT
Darin Schaeffer, Bartlett & West
Matt Schaible, SEH
Richard Schlenker, NDDOT
Dean Schloss, NDDOT
Danny Schmidt, Knife River Materials
Adam Schoenherr, Ulteig
Mark Schrader, FHWA
Dan Schriock, Burleigh County
Clayton Schumaker, NDDOT
Korby Seward, NDDOT
Paul Sharp, Interstate Engineering
Jay Showers, Traill County Highway Department
Kitty Showers, Traill County Highway Department
Justin Smith, City of Watford City
Joe Snustad, NDDOT
Bernie Southam, NDDOT
Brent Spooner, NDDOT
Matthew Stamness, Cass County Highway Dept
Candy Stave, NDDOT
Nabil Suleiman, UND
Ken Swedeen, Dakota Asphalt Paving Association
Bruce Thompson, Northern Improvement Company
Noral Thompson, Terracon
Steve Thompson, Interstate Engineering
Gary Trottier, NDDOT
John Tweedt, Century Companies, Inc.
Mark Verke, NDIRF
Ty Vckerman, Knife River Materials
Steven Wahler, SEH
Brian Walter, Ward County Highway Department
Stephanie Weigel, NDDOT
Sam Welch, SEH
Scott Whaley, Tensar
Tyler Wollmuth, NDDOT
Tom Wood, MnDOT
Andrew Wrucke, Upper Great Plains Transportation Institute
Bryce Wuori, Northern Improvement Company
Delores Zastoupil, Northern Improvement Company
Marty Zemple, Northern Improvement Company
Bill Zidon, SEH
Conference Steering Committee

Magdy Abdelrahman, NDSU, Transportation Engineering
Mike Aubol, Morton County/NDACE
Denise Brown, ND Local Technical Assistance Program
Mark Dougherty, AGC
David Ferrell, FHWA
Bryon Fuchs, NDDOT, Local Government
Daba Gedafa, UND, Civil Engineering
Dale Heglund, ND Local Technical Assistance Program
Mark Hendrickson, Northern Improvement Company
Jeremy Holt, Anderson Western
Tim Horner, Upper Great Plains Transportation Institute, NDSU
Mike Kisse, NDDOT, Maintenance
Ryan Lynch, Flint Hills Resources
Michael Mart, City of Bismarck
Chris Padilla, ND Local Technical Assistance Program
Justin Ramsey, NDDOT, Transportation Services
Clayton Schumaker, NDDOT, Lab
Jongchul Song, NDSU, Construction Management & Engineering
Nabil Suleiman, UND, Civil Engineering
Ken Swedeen, Dakota Asphalt Pavement Association
Ron Tessier, Dakota Asphalt Pavement Association