Northland “How To” Conference 2020

Who Should Attend?
This conference is a must for roadway safety infrastructure industry professionals involved in the selection, inspection, or maintenance of all types of pavement markings, traffic signs, and temporary (work zone) traffic control, including:
- Field personnel
- Field supervisors
- Designers of both permanent and temporary traffic control
- State, county, and local agency personnel
- Contractors
- Consulting engineers
- Traffic control device and material manufacturers
- Work zone traffic control supervisors

Registration Fees
$145.00 Advance rate (by March 6, 2020)
$195.00 Onsite rate (after March 6, 2020)
Included in your fee: Entrance into the exhibit hall, featuring over 50 displays of the latest in roadway safety products and services; preconference workshop; workshops led by federal, state, and local industry professionals; lunch, breaks, and an evening reception.

Hotel Information
Delta Hotels by Marriott™ Fargo - 701-277-9000
$129.00 Conventional Room | $149.00 Two Room Suite
Room rates will be available until February 28, 2020
Expressway Suites - 701-239-4303
(Located across the parking lot from Delta Hotels by Marriott™)
$86.40 Double Queen Suite
Room rates will be available until March 1, 2020

Northland Chapter of ATSSA
American Traffic Safety Services Association
15 Riverside Parkway
Fredericksburg, VA 22406-1077
800-272-8772 • meetings@atssa.com
NorthlandATSSA.com or ATSSA.com/HowTo

Attend over 20 sessions that focus on real-world roadway safety issues
Plus, the Preconference Workshop on March 16
Registration Form
Northland “How To” Training & Education Workshop
March 16-18, 2020 • Fargo, North Dakota

Advance Registration by March 6, 2020
(Exhibitors: Only complete this form if registering more than 2 staff members.)

Registrant Information
(Please photocopy this form for additional registrants.)

Delegate Information PLEASE TYPE OR PRINT
Name __________________________ Name for Badge _______________________
Company/Agency __________________________________________________________
Company Address __________________________________________________________
City __________________________ State _______ Zip _________________________
Phone __________________________ Fax __________________________
Email Address _____________________________________________________________
Contact, if other than registrant __________________________ Phone _____________
Emergency Contact __________________________ Phone _____________

Registration Type Advance (by 3/6/20) Onsite (after 3/6/20)
Attendee/Exhibitor/Government Official $145.00 $195.00
(Preconference Workshop Session Included)
Preconference Workshop Session ONLY $50.00 $50.00
(Free to those who register for the How To Conference)

Pay Amount: $ __________

Payment Method
☐ Check (payable to ATSSA) # __________________________
Charge my: ☐ Visa ☐ MasterCard ☐ American Express
Cardholder Name __________________________
Card Number __________________________
Exp. Date _______ / _______ Security Code _______ Billing Zip _______
Authorized Signature __________________________
P.O. # (must include copy of purchase order) __________________________

☐ Check here if you require special accessibility or accommodations.

Cancellation Policy
Full registration fee will be refunded if cancellation is received by March 6, 2020.
No refunds after March 6, 2020. No-shows will not be refunded.
All refunds will be made after the conference.

Submit Form
Please return this form with payment to:
ATSSA
15 Riverside Parkway
Fredericksburg, VA 22406-1077

OR Fax: 540-368-1717 (if faxed, do not also mail)

More Information
Contact ATSSA Meetings & Conventions Department
Phone: 800-272-8772
Email: meetings@atssa.com
Web: ATSSA.com/HowTo or NorthlandATSSA.com

Advance registrations will be accepted until March 6, 2020. After that date, you may register onsite.
Monday, March 16, 2020

11 a.m. - 4 p.m.  REGISTRATION OPEN
12:30 - 4:30 p.m.  PRECONFERENCE WORKSHOP

Pavement Marking
This workshop will cover all aspects of pavement markings where agencies, manufacturers, and industry experts discuss trends, issues, specifications, best practices, etc. This course is included at no additional cost to registrants and intended for you to share knowledge with other attendees and industry experts.

5. North Dakota Intelligent Work Zone
North Dakota Department of Transportation’s 1st Intelligent Work Zone (IWZ) was deployed in 2019. How did things go? What could be improved upon? Was it useful? Come find out!

Tuesday, March 17, 2020

7 a.m. - 4:30 p.m.  REGISTRATION OPEN
7:30 - 8:30 a.m.  EXHIBITS OPEN, Breakfast Served
8:30 - 9:30 a.m.  GENERAL SESSION

1. Marijuana on Our Roadways Part I
Legalizing recreational marijuana has been brought up in Minnesota, and while it still could be a few years from legislation on this, it has many wondering what the potential ramifications could be for highway safety. North and South Dakota would be greatly affected by legalization in Minnesota, and there are already discussions on impacts from western states that have legalized it – whether it be travelers from those states driving through or residents from the Midwest traveling elsewhere to obtain it. A representative from the Colorado State Patrol will present the law enforcement perspective from one of the first states to legalize recreational marijuana.

9:35 - 10:20 a.m.  BREAKOUT SESSIONS

2. Pavement Marking Inspection
To make pavement markings last and function well, there are a lot of elements to keep track of. This session will have expert panel members discuss what to look for when installing grooves and pavement markings, as well as inspecting the final product. Audience discussion will be highly encouraged.

3. MASH: A Tri-State Perspective
South Dakota, Minnesota, and North Dakota Department of Transportation representatives will provide a state by state status of the implementation and compliance to the Manual for Assessing Safety Hardware (MASH).

10:20 - 10:50 a.m.  EXHIBITS OPEN, Coffee Break
10:50 - 11:35 a.m.  BREAKOUT SESSIONS

4. Minnesota Work Zone Training
This session will provide an update on the Minnesota “Multi-faceted Statewide Work Zone Training initiative” and answer questions on, “What training is offered? What training is needed? How is the training made available?” We will cover the latest on those who are seeking training on Fundamental Work Zone skills, Flaggers, Basic & Advanced Traffic Control knowledge, Traffic Control Supervisor, TTC Plan Designers and more!

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6. Skin Cancer: It’s a Hot Topic!
Skin cancer is on the rise in the United States. Learn about the dangers of UV exposure from the sun and tanning beds. Sun safety is always in season, and it’s important to protect your skin from sun damage throughout the year, no matter the weather. Exposure to the sun can cause sunburn, skin aging (such as skin spots, wrinkles, or “leathery skin”), eye damage, and skin cancer, the most common of all cancers.

7. Sign Truck Show and Tell
Area sign trucks will be available for hands-on viewing. You will be able to network with the operators of the trucks and learn the features and what works and what doesn’t work.

11:35 a.m. - 1 p.m.  EXHIBITS OPEN, Lunch Served
1 - 2 p.m.  GENERAL SESSION

8. Anatomy of a Triple Fatality Crash
On the night of October 29, 2011 Taylor Berhow of Mandan, North Dakota, chose to drive after drinking alcohol. With that choice, Taylor killed three of his best friends and seriously injured another who were all passengers in his vehicle. Taylor was sentenced to eight years in prison. This panel includes the heroic first responders who responded to this horrific crash from the Mandan/Morton Dispatch, Mandan PD, Mandan FD, Metro Area Ambulance and the North Dakota Highway Patrol as well as the mother of Trevor Erie who died that night. Panel members will discuss their response and role to this crash and the impact it had on them. A second panel will include Taylor Berhow and his parents to discuss the crash and its impact on them.

2:05 - 2:50 p.m.  BREAKOUT SESSIONS

State Department of Transportation representatives will discuss what they are doing for pavement marking installation on construction and with maintenance forces.

10. County Engineers/Local Agency Round Table
What are some planning considerations and current topics relevant and/or unique to County Engineers/Local Agencies? This session will afford an opportunity to discuss challenges, receive updates and share success stories.

11. Daytime Process for Sign Retroreflectivity
North Dakota unveils the Burke County daytime process for the evaluation of sign retroreflectivity.
**Tuesday, March 17 continued**

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<td>2:50 - 3:20 p.m.</td>
<td>EXHIBITS OPEN, Coffee Break</td>
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<td>3:20 - 4:05 p.m.</td>
<td>BREAKOUT SESSIONS</td>
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**12. MASH Update 2020: Where Are We and Where Are We Going**
An update on the implementation of the Manual for Assessing Safety Hardware (MASH) from a national perspective.

**13. South Dakota LTAP Work Zone Training**
Work zone do's and don'ts for local agencies.

**14. CDL Updates**
This session will cover any new updates for CDL drivers provided by law enforcement from Minnesota, South Dakota, and North Dakota.

**Wednesday, March 18, 2020**

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<td>7:30 - 10 a.m.</td>
<td>REGISTRATION OPEN</td>
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<td>7:30 - 8:30 a.m.</td>
<td>EXHIBITS OPEN, Breakfast Served</td>
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<td>8:30 - 9:15 a.m.</td>
<td>BREAKOUT SESSIONS</td>
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**16. I Love a Rainy Night, It's Such a Beautiful Sight; I can See the Stripe!**
Pavement markings are notoriously hard to see in wet conditions, particularly at night. There are standards in place to measure the retroreflectivity of pavement markings in wet conditions, but there hasn’t been any information available for what the wet retro ought to be. MnDOT has been installing wet reflective pavement markings over the past few years and has struggled with this question. MnDOT has been working with the Texas Transportation Institute to determine what levels are appropriate through a human factors study. This session will convey the results of the study and MnDOT plans for implementation.

**17. Overview of ATSSA’s New Signals Committee**
At the 2019 Midyear Meeting in San Diego, ATSSA approved the formation of a new Traffic Signals Committee. This committee will compliment the existing ATSSA technical committees and fill a segment of the industry that until now had not been represented by the Association. With a unique position to help shape policy while embracing new technologies, this committee will provide value to current ATSSA members and help engage new members. This workshop will discuss more about the formation of the committee and the work it will be undertaking.

**18. Reducing Lane Departure One Cable Barrier at a Time**
North Dakota installed their first high tension cable guardrail this past construction season. MnDOT and SDDOT both have these systems in place today. This session will include a brief overview from NDDOT on how the projects went, what are some areas of improvement on future projects, and some positive takeaways from the project. This session will also include maintenance tips and information about the system from John Guevara, Brifen USA. Brifen is the manufacturer of North Dakota’s system and they have many miles of cable guardrail installed in Minnesota as well.

**19. North Dakota Department of Transportation Safety Corridors**
A new approach at getting North Dakota closer to Vision Zero. This session will help participants learn the 4 E’s of Safety and the coordination needed for the safety corridor strategy.

**20. The Ins and Outs of Striping Roundabouts**
Sharing all the “Ins and Outs” of striping roundabouts: from traffic control set-ups to different pavement marking materials and installation methods.

**21. Big Changes to Minnesota Department of Transportation Signing Practices**
Changes are coming related to signs on Minnesota’s State Highway System. MnDOT is publishing a new Standard Sign and Marking Summary, a new Standard Sign and Marking Manual and a new SignCAD version. The crashworthy requirements for sign structures on the National Highway System changed at the beginning of 2020. These have led to new Signing Standard Plans. This session will introduce the attendees to new standards and guidance, as well as explaining why these were needed.

**10 - 10:30 a.m.** EXHIBITS OPEN, Coffee Break

MnDOT is heavily involved in Connected and Autonomous Vehicle (CAV) efforts. There are big challenges in converting a road system to work well with CAVs. MnDOT is conducting research and creating peer exchanges to discover how to prepare the road system to effectively guide CAVs. This session will go over what MnDOT has learned and how the agency will continue to learn to make the road system CAV ready.