



ITS Minnesota 2024 Fall Forum

Thursday, October 3rd 2024

Minnesota State Fairgrounds

History and Heritage Center

1841 W Dan Patch Avenue

St. Paul, MN 55108

AGENDA

7:30 – 8:30 am

Registration and Breakfast

Sponsored by Kimley Horn

8:30 – 9:00 am

Welcome

Welcome and ITS MN Update

Derek Nieveen, ITS MN President

ITS MN Outreach to North Dakota and South Dakota

Linda Preisen, Athey Creek and Jake Folkeringa, Bolton & Menk

(Co-Chairs, Marketing and Outreach Committee)

9:00 – 10:00 am

Session I: ITS Advancements for Traffic Signal Systems

V2X Red Light Running

Maziar Zamanpour, University of Minnesota Center for Transportation Studies

Performance Evaluation of Different Detection Technologies for Signalized Intersections in Minnesota

Yao-Yi Chiang, University of Minnesota Center for Transportation Studies

Hillsborough County Connected Vehicle Priority and Preemption as a Service

Steve Garbe, Alliant Engineering

Vender Interoperability for Advanced Transportation Controllers and Central Management Systems

Eric Itzel, SWARCO McCain

10:00 – 10:30 am

Morning Break

Sponsored by: Bolton & Menk

10:30 am – 12:00 pm

Session II: MnDOT Connected & Automated Vehicles

MnDOT CAV-X Update

Tara Olds, MnDOT CAV-X

MnDOT Traveler Information Experiment and Connected Work Zones

Adam Wellner and Scott Meier, MnDOT CAV-X

12:00 – 1:00 pm

Lunch

Sponsored by: Alliant Engineering

1:00 – 2:00 pm

Session III: Software as a Service (SaaS)

SaaS: The Business Case, Nathan Wade, Flow Labs

SaaS: The Funding Conundrum, Tiffany Dagon, MnDOT

SaaS: Integration Concerns, Bob Bennett, MNIT

2:00 – 2:30 pm

Afternoon Break

Sponsored by: Traffic Control Corporation

2:30 – 3:45 pm

Session IV: Paving the Way to Safer and More Efficient Transportation Systems

Using ClearGuide to Mitigate I-494 Construction Traffic

Adam Danczyk and Christos Achillides, Iteris

SDDOT Traffic Operations Center Plan and I-29 Variable Speed Limit Corridor

Jake Folkeringa and Kate Hvizdos, Bolton & Menk

Procuring Automated Transit Vehicles - Automated Bus Consortium (ABC) Lessons Learned

Daryl Taavola, AECOM

Empowering Cities to Design and Manage Safer Streets

Muhammad Miah, Miovision