



20th ANNUAL STATEWIDE CONFERENCE FOR TRAFFIC SAFETY STAKEHOLDERS

2023 TZD CONFERENCE



November 14–15, 2023

Mayo Civic Center
Rochester, Minnesota

www.MinnesotaTZD.org

Offered by:
Minnesota Toward Zero Deaths Program and Minnesota Departments of Public Safety, Transportation, and Health with funding from the National Highway Traffic Safety Administration

Hosted by:
Center for Transportation Studies,
University of Minnesota

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2024 Minnesota TZD Statewide Conference

October 22–23, 2024
River's Edge Convention Center
St. Cloud, MN

TZD Traffic Safety Hotdish Webinars

Join virtually:
minnesotatzd.org/events/hotdish

GENERAL INFORMATION

Welcome to the 2023 Toward Zero Deaths Conference! This conference provides a forum for sharing information on best practices in engineering, enforcement, education, and emergency medical and trauma services. Discover and engage with new approaches in preventing traffic fatalities and life-changing injuries on Minnesota roads.

Social Media



@MNTZD and #mntzd2023



facebook.com/MNTZD

Conference Evaluation

(Use to provide feedback on concurrent sessions and the overall conference.)



Exhibit Information

The exhibit space will be open on Tuesday, November 14, from 7:00 a.m. to 6:00 p.m. in the Mayo Civic Arena Exhibit Hall.

Reception

The conference reception will be held on Tuesday, November 14, from 4:30 to 6:00 p.m. in the Mayo Civic Arena Exhibit Hall. Enjoy hors d'oeuvres, visit the exhibitors, and network with other conference participants. All are welcome!

Post-Conference Materials

Presentation slides and handouts shared at the conference will be posted to the TZD website: minnesotatzd.org/events/conference/2023

Regional Events

Minnesota TZD regional events, held annually in Minnesota TZD regions across the state, help facilitate a collaborative, comprehensive, and regional approach to reducing traffic deaths and severe injuries. For more information, visit the regional events page: minnesotatzd.org/events/workshop

Conference Credit

Credit forms are available on the TZD website: minnesotatzd.org/events/conference/2023/credit. Print and keep each form for your records as well as the final program and any handouts from these sessions.

Child Passenger Safety (CPS)

In-person attendees are eligible for up to 5.0 CPS Continuing Education Units (CEUs) for the conference sessions. Credit forms will be available on-site at the event. CEUs are not available for virtual attendance.

Continuing Legal Education (CLE)

In-person attendees are eligible for 8.75 Continuing Legal Education (CLE) credits.

Emergency Medical and Trauma Services (EMS)

In-person attendees are eligible for up to 8.75 EMS Continuing Education Units (CEUs) including approved NCCR education.

Peace Officer Standards and Training (POST)

Earn up to 5.0 hours of POST credit on November 14 and 3.0 hours of POST credit on November 15. Attendees must sign the POST Affidavit of Attendance roster at the registration desk in order to receive credit.

Professional Development Hours (PDH)

In-person and virtual attendees are eligible to earn up to 8.75 professional development hours.

PROGRAM AT A GLANCE 2023 TOWARD ZERO DEATHS CONFERENCE



Share Your Thoughts
@MNTZD or #mntzd2023



facebook.com/MNTZD

MONDAY, NOVEMBER 13

4:00–6:30 p.m. **Attendee Check-in Ballroom Lobby West and Exhibitor Setup Mayo Civic Arena Exhibit Hall**

TUESDAY, NOVEMBER 14

7:30–8:30 a.m. **Attendee Check-in Ballroom Lobby West
Continental Breakfast and Exhibits Mayo Civic Arena Exhibit Hall**

8:30–10:15 a.m. **Welcome, Opening Remarks, and Plenary: High in Plain Sight—Current Drug and Impaired Individual Trends Mayo Civic Center Ballroom**

10:15–10:45 a.m. **Break and Exhibits Mayo Civic Arena Exhibit Hall**

10:45 a.m.–Noon	Session 1 TZD for First Responders—TIM Suite 109 and livestreamed	Session 2 CPSTs on the Front Line Suites 104/105 and livestreamed	Session 3 Automotive Technologies Suites 110/111 and livestreamed	Session 4 Minnesota’s Vulnerable Road User Safety Assessment Suite 106
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Noon–12:30 p.m. **Luncheon Mayo Civic Center Ballroom**

12:30–1:30 p.m. **Awards Ceremony Mayo Civic Center Ballroom**

1:30–1:45 p.m. **Break and Exhibits Mayo Civic Arena Exhibit Hall**

1:45–3:00 p.m.	Session 9 Improving Intersection Safety Through the Safe System Approach Suite 109 and livestreamed	Session 10 Legal Update Suites 104/105 and livestreamed	Session 11 It Takes a Village to Reach Zero Suites 110/111 and livestreamed	Session 12 CPS: Let Your Data Do the Talking! Suite 106
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3:00–3:30 p.m. **Break and Exhibits Mayo Civic Arena Exhibit Hall**

3:30–4:30 p.m.	Session 17 State Active Transportation Programs to Promote Vulnerable-User Safety Suite 109 and livestreamed	Session 18 BCA DWI Services Suites 104/105 and livestreamed	Session 19 On the Road to Safer Senior Driving Suites 110/111 and livestreamed	Session 20 CPS: Safety Through Standards, Part 1 and Part 2 Suite 106
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4:30–6:00 p.m. **Reception Mayo Civic Arena Exhibit Hall**

5:15–6:00 p.m. **Law Enforcement Grantee Meeting Suites 102/103**

5:30–7:00 p.m. **CPS Instructor Meeting Suite 106**

6:00–9:00 p.m. **Drug Recognition Evaluator Recertification Suites 102/103 *By invitation only***

WEDNESDAY, NOVEMBER 15

7:30–8:30 a.m. **Buffet Breakfast Mayo Civic Center Ballroom**

8:30–9:30 a.m. **Closing Remarks and Plenary Session: Post-Crash Care—The Severely Injured Victims’ Last Chance Mayo Civic Ballroom and livestreamed**

9:30–9:45 a.m. **Break**

9:45–11:00 a.m.	Session 25 Multi-Modal Safety Influences Suite 109 and livestreamed	Session 26 Safety Slogan Share Suites 104/105 and livestreamed	Session 27 2023 Legislative Impacts: Unprece- dented Change for Traffic Safety Suites 110/111 and livestreamed	Session 28 CPS: They Don’t Make Them Like They Used To Suite 106
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11:00–11:15 a.m. **Break**

11:15 a.m.–12:30 p.m.	Session 33 Developing a Safety Plan to Reduce Fatal and Serious-Injury Crashes Suite 109 and livestreamed	Session 34 Working Together to Curb Speed Suites 104/105 and livestreamed	Session 35 School Bus Stop Arm Suites 110/111 and livestreamed	Session 36 CPS: Case Presentation Suite 106
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12:30 p.m. **Adjourn**

Session 5 Supporting the E’s Through Programs, Partnerships, and Packaging Suites 102/103	Sessions 6, 7, and 8 Legal Drugs of Abuse Dr. Charles H. Mayo Presentation Hall
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Session 13 DWI: From Arresting to Testing Suites 102/103	Session 14 Teens Toward ZERO Together Suites 112/113	Session 15 Program Uptake and the Impact of a Safe Driving Program Suite 107	Session 16 How to Message to Recreational Cannabis Consumers Suite 108
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Session 21 Proving DWI Impairment Suites 102/103	Session 22 Understanding Grief—What to Say, What to Do, How to Help Suites 112/113	Session 23 Stop the Bleed Suite 107	Session 24 Alcohol Safety is Traffic Safety Suite 108
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Session 29 The Anatomy of a Fatal Crash—Shock and Awe Mayo Civic Center Ballroom	Session 30 Bracing for Street Racing: Collaborative Enforcement Strategies Suites 112/113	Session 31 Lessons Learned from an EMS Crash Suite 107	Session 32 The 2025–2026 Strategic Highway Safety Plan Suite 108
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Session 37 Cannabis...Into the Weeds We Go Mayo Civic Center Ballroom	Session 38 Remembering Our Fallen Officers and Staying Motivated During Tough Times Suite 112/113	Session 39 Field Triage: Useful for More than Bus Crashes and Active Shooter Incidents Suite 107	Session 40 Recent MnDOT Traffic Safety Evaluations Suite 108
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2023 TOWARD ZERO DEATHS CONFERENCE

MAYO CIVIC ARENA EXHIBIT HALL, NOVEMBER 14, 2023

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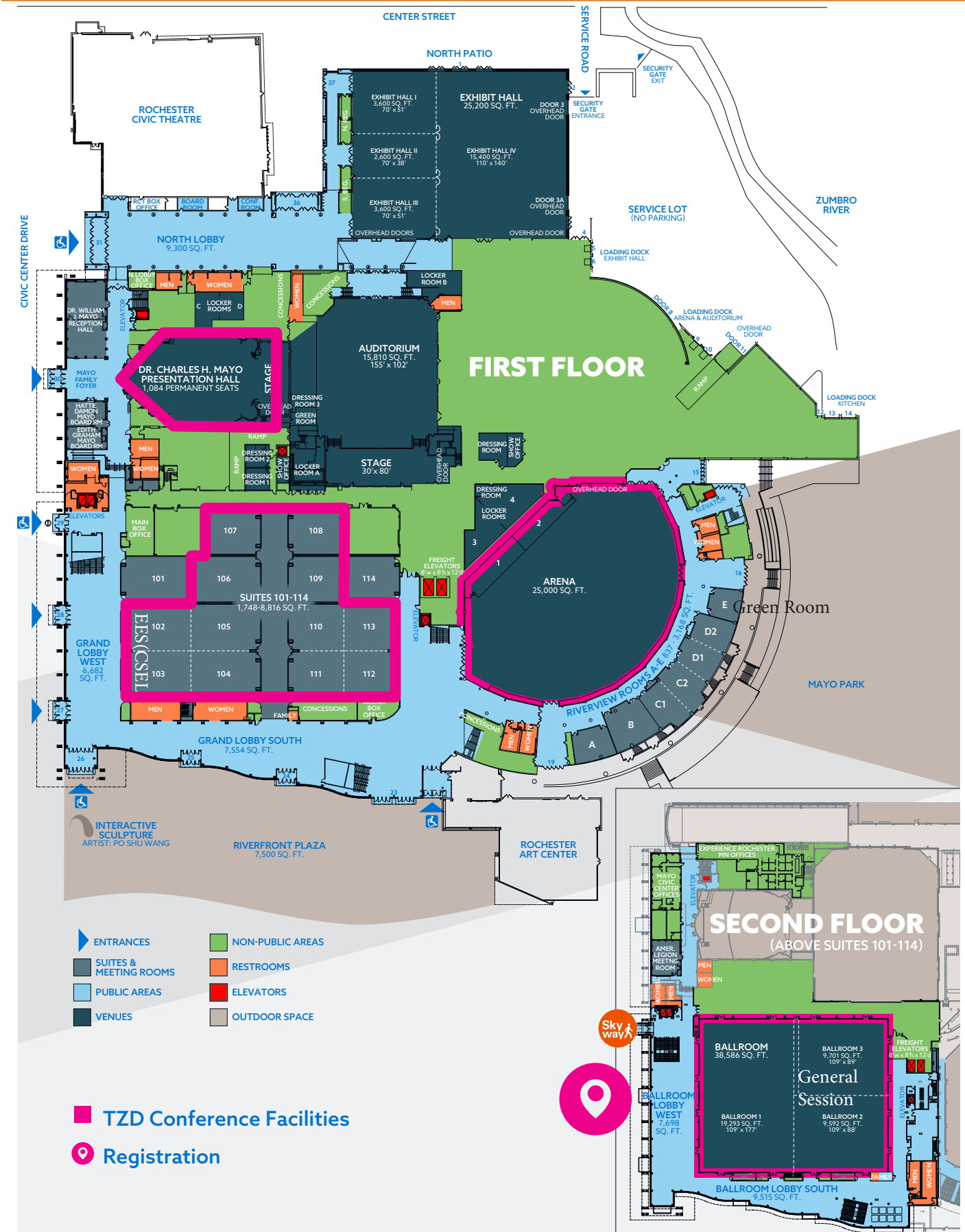
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2023 TOWARD ZERO DEATHS CONFERENCE

FLOOR PLANS



2023 PROGRAM SCHEDULE

MONDAY, NOVEMBER 13

4:00–6:30 p.m. **Attendee Check-in** (Ballroom Lobby West)

4:00–6:30 p.m. **Exhibitor Setup** (Mayo Civic Arena Exhibit Hall)

TUESDAY, NOVEMBER 14

7:30–8:30 a.m. **Attendee Check-in** (Ballroom Lobby West)
Continental Breakfast and Exhibits (Mayo Civic Arena Exhibit Hall)

8:30–10:15 a.m. **Honor Guard** (Mayo Civic Center Ballroom)
Detention Deputy Natalie Falls, Olmsted County Sheriff's Office
Trooper Cody Kisor, Minnesota State Patrol
Detention Deputy Chris Meyers, Olmsted County Sheriff's Office
Officer Matt Venteicher, Rochester Police Department

Welcome and Opening Remarks (Mayo Civic Center Ballroom)

Speakers: **Mike Hanson**, Minnesota TZD Program Co-chair, and Director, Office of Traffic Safety, Minnesota Department of Public Safety
Mayor Kim Norton, City of Rochester

Opening Plenary: High in Plain Sight—Current Drug and Impaired Individual Trends (Mayo Civic Center Ballroom)

Speaker: **Jermaine Galloway**, Tall Cop Says Stop

This session will give attendees the ability, knowledge, and confidence to identify individuals who are abusing drugs and/or alcohol. Attendees will also be taught the strategies and different terms consistent with alcohol and/or drug abuse. Several identifiers, logos, and terms commonly related to drug (illegal and over-the-counter) and alcohol abuse, marijuana abuse, and drug concealment on school, home, and work property will be discussed with the assistance of a multitude of visual aids.

10:15–10:45 a.m. **Break and Exhibits** (Mayo Civic Arena Exhibit Hall)

10:45 a.m.–Noon **Concurrent Sessions**

1. **TZD for First Responders—Traffic Incident Management Training** (Suite 109 and livestreamed)

Moderator: **Katy Kressin**, West Central TZD Regional Coordinator

Speaker: **John McClellan**, Metro Freeway Operations, Minnesota Department of Transportation

Motor vehicle crashes are a leading cause of traumatic death for police, fire, EMS, and tow operators. This TIM training will share best practices to improve safety for crash victims, responders, and other vehicles on the road.

2. **CPSTs on the Front Line: Product Updates** (Suites 104/105 and livestreamed)

Moderator: **KaRee Liimatainen**, FDL Human Services

Speakers: **Daniella Brown**, UPPAbaby
Vera Fullaway, Safe Traffic System Inc.
Tony Jerisha, KidsEmbrace
Eve Miller, Evenflo
Bob Wall, Nuna Baby Essentials Inc.

Child safety seats are constantly changing. Child Passenger Safety Technicians (CPSTs) are on the “front line,” working every day to ensure parents and caregivers know how the newest restraints work to protect their precious cargo. Learn about the latest child restraint updates directly from the manufacturers as they show off their latest products. *Approved for 1.5 CPS CEU credits.*

3. **Automotive Technologies** (Suites 110/111 and livestreamed)

Moderator: **Scot Edgeworth**, East Metro TZD Regional Coordinator

Speakers: **Kelli Cassidy Friese**, Ed's Collision & Glass and St. Cloud State University—Minnesota Highway Safety Research Center
Yash Dagade, Shreya R. Dixit Memorial Foundation
Abhi Nallamalli, Shreya R. Dixit Memorial Foundation
Tara Olds, Connected and Automated Vehicles Office, Minnesota Department of Transportation
Leah Walton, National Transportation Safety Board

This session will look at the growing influence of value-added automotive components, both for comfort and for safety, and the motives that led to their development. Safety components continue to have a positive impact on reducing crashes. Speakers will discuss the implications of these components and how they can help drivers be safer on the road, as well as the impact of vehicle safety technology on road fatalities and injuries. Speakers will also discuss roadway crash investigations that produced safety recommendations, highlighting automotive technologies as well as the research and demonstration work that is underway in Minnesota to help people learn about new technology. Lastly, teens will showcase EyeDA, an intelligent technology for traffic and safety that merges cutting-edge hardware, innovative software, and advanced road data analysis.

4. **Minnesota's Vulnerable Road User Safety Assessment** (Suite 106)

Moderator: **Derek Leuer**, Office of Traffic Engineering, Minnesota Department of Transportation

Speakers: **Matt Dyrda**, Alta Planning & Design
Sonja Piper, Office of Traffic Engineering, Minnesota Department of Transportation

Minnesota just completed the Vulnerable Road User Safety Assessment, an addendum to the Strategic Highway Safety Plan, as required by the Bipartisan Infrastructure Law/Infrastructure Investment and Jobs Act. This assessment analyzed the state's vulnerable-road-user crashes and developed a data dashboard for everyone. The project team documented MnDOT's work surrounding the safety of vulnerable road users, highlighted what still needs to be done, and identified project strategies and programs.

5. Supporting the E's Through Innovative Programs, Partnerships, and Packaging (Suites 102/103)

Moderator: Bill Van Koevering, East Central TZD Regional Coordinator

Speakers: Commander Kat Brown, St. Paul Police Department
Jeff Lenz, Minnesota Department of Transportation
Shonette Micco, BS, EMT, CPST-I, Regions Hospital
Brenda Pohlman, Fillmore County Public Health

This session will include three speakers sharing innovative approaches to traffic safety that have a direct positive impact on traffic safety behavior. Speakers will highlight novel approaches, partnerships, and resources surrounding impaired driving, child passenger safety, teen drivers, cannabinoids, and more. Let's not reinvent the wheel—this session will provide you with new information and ideas for your community! All E's are welcome and encouraged to attend.

6.–8. Legal Drugs of Abuse (Dr. Charles H. Mayo Presentation Hall)

Moderator: Mike Hanson, Minnesota TZD Program Co-chair, and Director, Office of Traffic Safety, Minnesota Department of Public Safety

Speaker: Jermaine Galloway, Tall Cop Says Stop

Back by popular demand, Jermaine Galloway will take a deep dive into recent drug trends including gas station heroin, kratom, over-the-counter drugs, and drugs of abuse that are found in local stores, including those in rural counties.

Noon–12:30 p.m. Luncheon (Mayo Civic Center Ballroom)

12:30–1:30 p.m. Awards Ceremony (Mayo Civic Center Ballroom)

1:30–1:45 p.m. Break and Exhibits (Mayo Civic Arena Exhibit Hall)

1:45–3:00 p.m. Concurrent Sessions

9. Improving Intersection Safety Through the Safe System Approach (Suite 109 and livestreamed)

Moderator: Joe Gustafson, Washington County Public Works

Speakers: Joe Devore, KLJ Engineering
Ken Johnson, Office of Traffic Engineering, Minnesota Department of Transportation
Vic Lund, St. Louis County

One of the most effective strategies to improve the safety of intersections is to reduce vehicle conflict points that typically result in serious crashes such as angle conflict points. In this session, Vic Lund will present on the practical application of the Safe System Approach to intersection design and how site-specific crash modification factors are needed. Joe Devore will present on how vehicle conflict points can be evaluated in a more detailed way by using the Federal Highway Administration's modeling tools, as well as how the evaluation of vehicle conflict points can lead to innovative and effective safety solutions.

10. Legal Update (Suites 104/105 and livestreamed)

Moderator: Bill Lemons, Traffic Safety Resource Prosecutor, Minnesota County Attorneys Association, and Office of Traffic Safety, MN Department of Public Safety

Speakers: David Bernstein, Minneapolis City Attorney's Office
Amy Tripp-Steiner, Minneapolis City Attorney's Office

This session will cover legislative changes that affect DWI and traffic safety laws and review important court decisions from the last year. Attendees will get a preview of the next legislative session, potential legislative initiatives, and past legislative efforts. The panel will discuss other court-related matters, changes to Minnesota's marijuana law, and challenges with enforcing marijuana-impaired cases.

11. It Takes a Village to Reach Zero: Developing and Implementing a Comprehensive Impaired Driving Program (Suites 110/111 and livestreamed)

Moderator: Stephanie Malinoff, Center for Transportation Studies, University of Minnesota

Speaker: Chuck DeWeese, Responsibility.org

There is no silver bullet to eliminate alcohol-related and drugged-driving crashes from our roadways. Rather, it requires a comprehensive approach that involves partnerships, training, strong laws, effective technology, and a willingness to try new approaches. You will leave this session with a list of resources to assist you in your daily activities and a checklist to work from to ensure you are trying everything to end impaired driving tragedies on Minnesota roadways.

12. CPS: Let Your Data Do the Talking! Use Data to Highlight Your CPS Program Goals and Achievements (Suite 106)

Moderator: Jasmine Wangen, Altru Health System

Speaker: Jennifer Booge, National Digital Car Seat Check Form

With more than 100,000 recorded seat checks and counting, the National Digital Car Seat Check Form (NDCF) is your source for CPS use and misuse data. Explore ways in which you can use the NDCF data to improve your program. *Approved for 1.0 CPS CEU credits.*

13. DWI: From Arresting to Testing (Suites 102/103)

Moderator: Nick White, Office of Traffic Safety, Minnesota Department of Public Safety

Speakers: Deputy Jamie Meyer, Mower County Sheriff's Office
Sgt. Tyler Milless, Minnesota State Patrol
Vanessa Perez, Bureau of Criminal Apprehension, Minnesota Department of Public Safety

This session will walk an officer through the entire DWI process, from roadside observations to how biological samples are tested at the Minnesota Bureau of Criminal Apprehension. Attendees will learn how road officers and the BCA can work together to ensure a DWI case is properly completed. In addition, attendees will learn how to interpret the BCA report.

14. Teens Toward ZERO Together (Suites 112/113)

Moderator: Susan Johnson, Northwest TZD Regional Coordinator

Speakers: Rosaline Groven, Key Club, Lincoln High School
 Stacey Leake, Key Club, Lincoln High School
 Mikaleena Bernier, Thief River Falls High School, Pennington County Teen TZD
 Avery Koop, Thief River Falls High School, Pennington County Teen TZD
 Miranda Novak, Thief River Falls High School, Pennington County Teen TZD
 Kennedy Panek, Goodridge High School, Pennington County Teen TZD
 Ali Yuska, Thief River Falls High School, Pennington County Teen TZD

This session will share and discuss how two schools in Pennington County work together with engineering, education, enforcement, EMS, and mental health specialists around the region to create the Teen TZD (TTZD) Conference. Their goal is educating and guiding teens to make better choices in and outside of a vehicle to reduce the top two killers of teens—car crashes and suicide. Panelists will talk about the TTZD Conference, session topics, and the positive data and information they have been gathering from surveys.

15. Program Uptake and the Impact of a Safe Driving Program on DWIs, Related Crashes, and Fatalities (Suite 107)

Moderator: Allison Nicolson, BSc, CTRS, CPSI, Essentia Health

Speakers: Kristin Colling, MD, Essentia Health
 Melissa Harry, PhD, MSW, LGSW, Essentia Institute of Rural Health
 Allison Nicolson, BSc, CTRS, CPSI, Essentia Health
 Kaitlin Schaumburg, Essentia Health

St. Louis County is a “Deadliest 13” county in Minnesota because of impaired driving. The northeastern Minnesota JOYRIDE program, established in 2014 in southern St Louis and Carlton counties, provides reduced-cost taxi rides for intoxicated patrons. This session’s speakers will share the JOYRIDE model, its impact on DWI arrests and crashes, and advice on developing a program for improving awareness and public safety in rural Minnesota. Additionally, speakers will review motor vehicle and recreation vehicle crashes treated at Saint Mary’s Medical Center between 2016 and 2020. While rates of motor vehicle and motorcycle crashes were relatively stable or decreased slightly over that time period, rates of ATV and snowmobile crashes increased significantly. Use of safety equipment significantly decreased the mortality rates, and speakers will discuss risk factors for mortality and factors that may play into safety equipment use.

16. How to Message to Recreational Cannabis Consumers (Suite 108)

Moderator: Kristine Hernandez, Statewide Minnesota TZD Program Manager

Speakers: Dave Boxum, Office of Communications, Minnesota Department of Public Safety
 Lisa Kons, Minnesota Safety Council and the Minnesota Network of Employers for Traffic Safety (NETS)
 Karen Sprattler, Sprattler Group

Learn about a new report from the Governors Highway Safety Association, Responsibility.org, and the National Alliance to Stop Impaired Driving titled *Cannabis Consumers and Safe Driving: Responsible Use Messaging*. This report provides guidance on how we all can better communicate with cannabis consumers about safe driving and offers recommendations about the types of messages that do and don’t work. Then hear how state and agency

communications professionals are tailoring their messaging. Finally, we’ll discuss how employers might adapt to employees using legal cannabis and answer “What are the seven ‘safety sensitive positions’ that are subject to closer scrutiny?”

3:00–3:30 p.m.

Break and Exhibits (Mayo Civic Arena Exhibit Hall)

3:30–4:30 p.m.

Concurrent Sessions

17. State Active Transportation Programs to Promote Vulnerable-User Safety (Suite 109 and livestreamed)

Moderator: Kelly Corbin, Office of Transit and Active Transportation, Minnesota Department of Transportation

Speakers: Chris Brown, AICP, SRF Consulting
 Kelly Corbin, Office of Transit and Active Transportation, Minnesota Department of Transportation
 Will Wlitzlo, Office of Transit and Active Transportation, Minnesota Department of Transportation

MnDOT’s Office of Transit and Active Transportation has new resources and funding to protect vulnerable road users. Learn about opportunities for TZD stakeholders to collaborate with cities, counties, school districts, and MnDOT in offering pedestrian and bicycle safety education and creating transportation action plans that address local concerns. Increasing safety for people walking, biking, and rolling will require thoughtful planning, robust education, sharp evaluation, and dignified active transportation infrastructure. This session will provide more details on the new legislative requirement for bicycle and pedestrian education in all Minnesota schools; finding funding for active transportation planning at a city, county, or school district level; a case study using data to identify high-priority safety improvement areas; and accessing infrastructure funding and implementing demonstration projects.

18. BCA DWI Services (Suites 104/105 and livestreamed)

Moderator: Frank Scherf, Office of Traffic Safety, Minnesota Department of Public Safety

Speakers: Mike Asleson, Bureau of Criminal Apprehension, Minnesota Department of Public Safety
 Brent Nelson, Bureau of Criminal Apprehension, Minnesota Department of Public Safety
 Shauna Richardson, Bureau of Criminal Apprehension, Minnesota Department of Public Safety

Learn about the latest in drug use and testing, preview the DMT replacement project, see what’s new with eCharging, and gain useful tips to ensure you are using eCharging to its maximum potential. *Approved for 1.5 CPS CEU credits.*

19. On the Road to Safer Senior Driving—How Aging Affects Driving and Things TZD E’s Should Know (Suites 110/111 and livestreamed)

Moderator: Annette Larson, South Central TZD Regional Coordinator

Speakers: Brian Harmon, Office of Traffic Safety, Minnesota Department of Public Safety
Joan Somes, Minnesota Emergency Nurses Association

Each day we grow older. Our bodies age physically and cognitively. These normal changes can affect driving skills and safety, especially in the baby boomer and older generations. Those over age 65 are the fastest-growing portion of Minnesota’s population. They are also entering their most vulnerable time when driving. This session will explore changes that occur with aging, signs indicating these changes are happening—especially related to driving safety—and actions that can be taken to mitigate these changes. Each TZD “E” needs to be aware of these changes so they can plan for additional methods of keeping seniors mobile and safe on the roads.

20. CPS: Safety Through Standards, Part 1 and Part 2 (Suite 106)

Moderator: Allison Nicolson, Essentia Health

Speaker: Vera Fullaway, Safe Traffic System Inc.

Learn current information about child passengers in school buses, ambulances, and RVs—including what technicians should know about FMVSS 213 for improved curbside education with parents and caregivers. *Approved for 1.5 CPS CEU credits.*

21. Proving DWI Impairment (Suites 102/103)

Moderator: Bill Lemons, Traffic Safety Resource Prosecutor, Minnesota County Attorneys Association, and Office of Traffic Safety, MN Department of Public Safety

Speakers: David Bernstein, Minneapolis City Attorney’s Office
Matthew Hartung, Minneapolis City Attorney’s Office
Lt. Andrew Martinek, Minnesota State Patrol

This presentation will teach law enforcement and prosecutors how to effectively prove their DWI cases in court, including both alcohol and drug-related impairment. DWIs involving impairment by cannabis will specifically be addressed.

22. Understanding Grief—What to Say, What to Do, How to Help (Suites 112/113)

Moderator: Lt. Gabe Cornish, Minnesota State Patrol

Speaker: Randy Stocker, Speaker and Author of *Hugs Help: Our Story of Tragic Loss, Survival, and Helping Others*

Loss and grief have widespread impact on personal well-being, workplace engagement, relationships, and more. Grieving is a dynamic and ever-changing process for both the griever and the supporter. Gain some practical insight on how best to help while boosting your own resilience when these situations arise.

23. Stop the Bleed (Suite 107)

Moderator: Katy Kressin, West Central TZD Regional Coordinator

Speaker: Kaitlyn Roach, Life Link III

Learn important skills such as how to use a tourniquet and pack a wound—skills that will better prepare you to respond to a traumatic injury involving severe bleeding. This will be a beneficial session regardless of whether you have previously taken a Stop the Bleed class. These skills save lives!

24. Alcohol Safety is Traffic Safety (Suite 108)

Moderator: Nick White, Office of Traffic Safety, Minnesota Department of Public Safety

Speakers: Cleven Duncan, Alcohol and Gambling Enforcement, Minnesota Department of Public Safety
Shawn Hansen, Alcohol and Gambling Enforcement, Minnesota Department of Public Safety

Long-term trends show that Minnesotans understand that alcohol and driving don’t mix, but in recent years, DWIs have been increasing. This presentation will look at addressing the alcohol-impaired driving issue with a proactive approach through education at the retail level of the alcohol industry.

4:30–6:00 p.m. Reception (Mayo Civic Arena Exhibit Hall)

5:15–6:00 p.m. Law Enforcement Grantee Meeting (Suites 102/103)

5:30–7:00 p.m. CPS Instructor Meeting (Suite 106)

Connect and collaborate with child passenger safety instructors from across the state to discuss and generate ideas for teaching certification courses, including both in-person and hybrid format.

6:00–9:00 p.m. Drug Recognition Evaluator Recertification (Suites 102/103) *By invitation only*

This Drug Recognition Evaluator recertification event is for current DREs who need to recertify for 2023. This is a closed event and only for current DREs.

2023 PROGRAM SCHEDULE

WEDNESDAY, NOVEMBER 15

7:30–8:30 a.m. **Buffet Breakfast** (Mayo Civic Ballroom)

8:30–9:30 a.m. **Closing Remarks** (Mayo Civic Ballroom and livestreamed)

Speakers: **Dylan Ferguson**, Minnesota Emergency Medical Services Regulatory Board
Col. Matt Langer, TZD Leadership, and Chief, Minnesota State Patrol,
Minnesota Department of Public Safety

Plenary Session: Post-Crash Care—The Severely Injured Victims' Last Chance

Speaker: **Dia Gainor**, Executive Director, National Association of State EMS Officials

Post-crash care is one of the most novel aspects of the Safe System Approach—and is a new domain for the highway safety and transportation community to embrace. A National Academies of Sciences, Engineering, and Medicine report indicates that 40 percent of crash fatalities were still alive when first responders arrived. So what can be done to improve 911, EMS, and trauma systems to prevent these deaths in the post-crash phase? This session will provide an overview of the components critical to survival when severely injured people—the most vulnerable transportation system users—are appropriately resourced in well-designed systems. These 911 and EMS considerations reinforce the statement in the National Roadway Safety Strategy: “Our responsibility does not end when a crash occurs...caring for people injured in a crash to prevent their injuries from becoming fatal is just as critical.”

9:30–9:45 a.m. **Break**

9:45–11:00 a.m. **Concurrent Sessions**

25. **Multi-Modal Safety Influences** (Suite 109 and livestreamed)

Moderator: **Mara Hayes**, SRF Consulting

Speakers: **Saumya Jain**, Center for Transportation Studies' Accessibility Observatory, University of Minnesota
Eric Lind, Center for Transportation Studies' Accessibility Observatory, University of Minnesota
Hannah Prichard, Office of Transit and Active Transportation, Minnesota Department of Transportation

Investments in low-stress bicycle facilities (off-road, protected, and separated lanes) can allow riders to access more destinations in a given travel time. Research has identified the gap between what cyclists can reach using comfortable, safer bikeways and what might be available if the infrastructure covered more of the local street network. Many factors influence the outcome of driver-pedestrian interactions and driver yield rates, including traffic volume, vehicle speed, and the built environment, among others. For this research, pedestrian-driver interactions were observed to help identify the factors present at an intersection that led to higher driver yield rates.

26. **Safety Slogan Share** (Suites 104/105 and livestreamed)

Moderator: **Kat Vue**, Office of Traffic Safety, Minnesota Department of Public Safety

Speakers: **Joe Albert**, Minnesota Department of Natural Resources
Sheryl Cummings, Minnesota Operation Lifesaver
Lisa Kons, Minnesota Safety Council and the Minnesota Network of Employers for Traffic Safety (NETS)
Gene LaDoucer, AAA–The Auto Club Group

Hear from roadway safety professionals from across Minnesota about influential campaigns used to spread roadway safety messages emphasizing good driving behaviors. This session will feature the “Impaired is Impaired” campaign, AAA’s “Move Over for Me” campaign, Minnesota Operation Lifesaver’s messages to professional drivers about rail safety, and a collaboration between the Minnesota DNR and TZD on ATV safety. Attendees will learn about successful partnerships recently employed in Minnesota.

27. **2023 Legislative Impacts: Unprecedented Change for Traffic Safety in Minnesota**

(Suites 110/111 and livestreamed)

Moderator: **Stephanie Malinoff**, Center for Transportation Studies, University of Minnesota

Speakers: **Paul Aasen**, Minnesota Safety Council
Mike Hanson, Minnesota TZD Program Co-Chair and Director, Office of Traffic Safety, Minnesota Department of Public Safety
Brian Sorenson, Minnesota TZD Program Co-Chair and State Traffic Engineer, Office of Traffic Engineering, Minnesota Department of Transportation

The 2023 Minnesota legislative session ended with the passage of a number of policy and funding changes intended to improve transportation safety in Minnesota in the coming years. Legislation was passed to address high-risk rural roads, law enforcement training for impairment, sober cab rides, data analytics, and work zone safety as well as to create an Advisory Council for Traffic Safety. What do these changes mean for you in your daily work and for Minnesota TZD? Join us in this session as we discuss implementation of this important legislation.

28. **CPS: They Don't Make Them Like They Used To** (Suite 106)

Moderator: **Aimee Eggen**, Norman County Public Health

Speakers: **Daniella Brown**, UPPAbaby
Vera Fullaway, Safe Traffic System Inc.
Tony Jerisha, KidsEmbrace
Eve Miller, Evenflo
Bob Wall, Nuna Baby Essentials Inc.

Participating car seat manufacturers will describe features and benefits for convenience, comfort, correct use, energy management, and injury reduction. Speakers will demonstrate car seat use with audience members as well. *Approved for 1.0 CPS CEU credits.*

- 29. The Anatomy of a Fatal Crash—Shock and Awe** (Mayo Civic Center Ballroom)
Moderator: Becky Putzke, Office of Traffic Safety, Minnesota Department of Public Safety
Speakers: Sgt. Adam Moore, South Lake Minnetonka Police Department
 Officer Susie Schultz, Orono Police Department

Officers will walk through a fatal crash involving an impaired driver and the twists and turns that can happen when dealing with a fatal crash. This session, which will also cover what steps officers need to follow through on for a conviction, is designed to help and motivate officers in their impaired driving enforcement.

- 30. Bracing for Street Racing: Collaborative Enforcement Strategies That Work** (Suites 112/113)

Moderator: Shannon Grabow, Office of Traffic Safety, Minnesota Department of Public Safety

Speakers: Sgt. Tyler Abrahamson, Fridley Police Department
 Lt. John Fritz, Minnesota State Patrol
 Amy Tripp-Steiner, Minneapolis City Attorney's Office
 Lt. Tyler Uthe, Minnesota State Patrol

Street racing enforcement efforts are most effective when they focus on collaborative, all-encompassing, and strategic plans. Intelligence-based, supervisory-led enforcement operations target illegal street racing, roadway takeovers, and drifting. This session will provide examples of case studies with successful outcomes. Attendees will also get a glimpse into this underground culture, the operations used, investigative best practices, and challenges encountered.

- 31. Lessons Learned from an EMS Crash** (Suite 107)

Moderator: Julie Philbrook, Hennepin Healthcare

Speaker: Charles Sloan III, Hennepin EMS

Using film footage of actual ambulance crashes, a paramedic will discuss which actions by the first responders may have put them at higher risk of a crash and changes that have since been implemented. He will also assess the danger EMS equipment may pose in the event of a crash and how that danger can be minimized.

- 32. The 2025–2029 Strategic Highway Safety Plan** (Suite 108)

Moderator: Nicole Bitzan, SRF Consulting Group

Speakers: Abdullahi Abdulle, Office of Transportation System Management, Minnesota Department of Transportation
 Tim Burkhardt, Alliant Engineering, Inc.
 Derek Leuer, Office of Traffic Engineering, Minnesota Department of Transportation

Minnesota is developing the next five-year Strategic Highway Safety Plan. This plan will help inform and direct millions of dollars of infrastructure spending, enforcement activities, and educational opportunities. Come find out what the process will entail, how you can get involved, and what this means for the next five years of traffic safety in Minnesota.

11:00–11:15 a.m. Break

11:15 a.m.–
12:30 p.m.

Concurrent Sessions

- 33. Developing a Safety Plan to Reduce Fatal and Serious-Injury Crashes on Roads Throughout Your Local Communities** (Suite 109 and livestreamed)

Moderator: Renae Kuehl, SRF Consulting

Speakers: John Dostart, City of Altoona, Iowa
 Devin Moore, Kimley-Horn
 David Peterson, City of St. Paul
 Kristi Sebastian, Minnesota Division, Federal Highway Administration

With the increase in fatal and serious-injury crashes in Minnesota and throughout the U.S., there is a greater need for system-wide assessment of the transportation system at the local level to improve roadway safety. The Safe Streets for All (SS4A) program, established through the Bipartisan Infrastructure Law, provides \$5 billion in funding over five years (2022–2026) in grants for safety planning and implementation of projects for regional, local, and tribal community initiatives. This program supports the U.S. Department of Transportation's National Roadway Safety Strategy and TZD's goal of zero roadway deaths. This session will discuss the Safe Streets and Roads Grant programs and experiences in developing a safety plan for both a large city and a small community.

- 34. Working Together to Curb Speed** (Suites 104/105 and livestreamed)

Moderator: Lisa Kons, Minnesota Safety Council and the Minnesota Network of Employers for Traffic Safety (NETS)

Speakers: Capt. Adam Fulton, Minnesota State Patrol
 Lisa Kons, Minnesota Safety Council and the Minnesota Network of Employers for Traffic Safety (NETS)
 Jessica Schleck, Southeast TZD Regional Coordinator

In April of 2021, the Minnesota Speed Action Team came to fruition. Over the past two years this team has focused on strategies, activities, and tactics to curb the speed epidemic. This session will review outcomes of campaigns and subcommittees specifically developed by the team as well as discuss preliminary findings of the Minnesota Speed Behavior Research Study. This includes an initial analysis of the various motivations and circumstances contributing to risky driving behaviors and effective ways to reach risky drivers through traffic safety messaging.

- 35. School Bus Stop Arm** (Suites 110/111 and livestreamed)
Moderator: **Kristen Oster**, Office of Traffic Safety, Minnesota Department of Public Safety
- Speakers:** **Jenifer Doyle**, First Student
Rahya Geisler, Northeast TZD Regional Coordinator
Amy Howe
Lieutenant Brian Reu, Minneapolis State Patrol

School bus stop-arm cameras have been installed in school buses across the state to keep students safe as they travel to and from school. Hear an overview of the program and how these cameras are working as a great prevention tool. The program coordinator will discuss citations issued in the state before the program got started, comparing that to how things changed after cameras were installed. You'll learn what school bus drivers had to do before cameras were readily available to report a stop-arm violator, review what is captured now, and hear about the relationships fostered by the program between bus companies and law enforcement.

- 36. CPS: Case Presentation** (Suite 106)
Moderator: **Julie Philbrook**, Hennepin Healthcare
- Speaker:** **Andrew Waititu Kiragu, MD, FAAP, FCCM**, Children's Minnesota

Dr. Kiragu will walk through a case presentation on the injury, what happened, and why. He will also discuss what could have potentially decreased the severity of these injuries.

- 37. Cannabis...Into the Weeds We Go** (Mayo Civic Center Ballroom)
Moderator: **Duane Siedschlag**, Office of Traffic Safety, Minnesota Department of Public Safety
- Speakers:** **Deputy Alex Graham**, Ramsey County Sheriff's Office
Sgt. Tyler Milless, Minnesota State Patrol

Participants will learn about the recreational cannabis law in Minnesota and take a deep dive into cannabis, legislation, and field sobriety testing related to impairment. Participants will be able to ask questions and partake in an open discussion about all things cannabis.

- 38. Remembering Our Fallen Officers and Staying Motivated During Tough Times** (Suite 112/113)
Moderator: **Scott McConkey**, Office of Traffic Safety, Minnesota Department of Public Safety
- Speakers:** **Lisa Gahler**, South Central Minnesota Critical Incident Stress Management (CISM) Team
Mark Griffith, South Central Minnesota Critical Incident Stress Management (CISM) Team and Blue Earth and Nicollet Counties Safe Roads Coalition
Chaplain John Morris, Minnesota State Patrol
Sheriff Scott Rose, Dodge County Sheriff's Office and Officer Down Memorial Podcast

In remembering our fallen, we also honor the service and sacrifice made by the men and women currently serving our communities. How can officers stay motivated and deal with the grief and stress that comes with the profession, including personal loss? This session will

also share options and programs to help law enforcement officers and first responders deal with critical incidents.

- 39. Field Triage: Useful for More than Just Bus Crashes and Active Shooter Incidents** (Suite 107)
Moderator: **Katy Kressin**, West Central TZD Regional Coordinator

Speaker: **Kaitlyn Roach**, Life Link III

Find out why field triage skills are important for public safety in any size community and leave feeling confident that you could implement the principles!

- 40. Recent MnDOT Traffic Safety Evaluations** (Suite 108)
Moderator: **Matt Knight**, SRF Consulting Group
- Speakers:** **Maxwell Moreland**, Office of Traffic Engineering, Minnesota Department of Transportation
Mark Wagner, Office of Traffic Engineering, Minnesota Department of Transportation

This session will cover recent safety evaluations conducted for sinusoidal rumble strips, changing speed limits from 55 to 60 mph, reflective signal backplates, and more, including updates on evaluations of J-turns and pedestrians at roundabouts. This presentation will also review recent transportation research syntheses on speed enforcement and traffic safety related to cannabis.

12:30 p.m.

Adjourn



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