



TRAFFIC MANAGEMENT ADVISORY COMMITTEE

Polk County Emergency Management Center & Zoom

Wednesday September 6, 2023

Agenda



- Introductions
- Des Moines Area MPO Safe Streets and Roads for All (SS4A) Planning Grant Overview
 - Zach Young, Des Moines Area MPO
- Medical Examiners and Traffic Incident Management
 - Jill Cooper, Polk County Medical Examiner
- Other Discussions and Community Announcements
- Adjournment

Introductions

Please briefly introduce yourself:

- Name
- Organization



SAFE STREETS AND ROADS FOR ALL (SS4A) PLANNING GRANT OVERVIEW

Background



- The Bipartisan Infrastructure Law (BIL) established the Safe Streets and Roads for All discretionary grant program
- \$5 billion appropriated over 5-years (2022-2026)
- Must have a Comprehensive Safety Action Plan to apply for implementation funding

Background



- Key Components of CSAP:
 - Leadership commitment/goal setting
 - Planning structure
 - Safety analysis
 - Engagement/collaboration
 - Equity
 - Policy and process changes
 - Strategy and project selections
 - Progress and transparency methods

Background



- The MPO submitted a grant application in September 2022
- Awarded \$800,000 in federal funds w/\$200,000 in local match
- Developed an RFP to select a consultant which resulted in a contract with Toole Design Group to complete the CSAP
- Currently working to finalize the grant agreement with US DOT
- Work will commence at the end of September/early October

Key Committee's



- Transportation Technical Committee
- Transportation Safety Committee
 - Technical experts
 - Local agencies, key user groups, public health, transit operators, and school staff
 - Identify issues and provide feedback throughout the plan development

Key Tasks



- Stakeholder and Public Engagement
- State of Practice and Data Review
- Crash Data Analysis
- Countermeasure Toolbox
- Implementation Plan and Programs
- Safe Streets Visualization and Vision Zero Toolkit
- Comprehensive Safety Action Plan
- SS4A Implementation Grant Application

Key Tasks



- Stakeholder and Public Engagement
 - Online Engagement
 - Pop-Up Public Engagement (4)
 - Interviews and Focus Group Meetings (30)
 - Member Community Meetings
 - Public Open Houses (4)

Key Tasks



- State of Practice and Data Review
 - Review existing policies and programs
 - Assess data availability, quality, and completeness

Key Tasks



- Crash Data Analysis (ICAT)
 - Development of high injury network
 - Development of descriptive crash statistics
 - Identify system risk factors
 - Equity and environmental justice network
 - Crash data analysis and findings

Key Tasks



- Countermeasure Toolbox (Engineering, Enforcement, & Education)
 - Systemic countermeasure toolbox
 - Emphasis area toolbox
 - Performance measures and transparent tracking strategies

Key Tasks



- Implementation Plan and Programs
 - Safety project identification
 - Safety project prioritization
 - Safety project implementation plan
 - Policy, program, and initiatives matrix
 - Concept designs

Key Tasks



- Safe Streets Visualization and Vision Zero Toolkit
 - Safe streets graphic visualizations (12 renderings)
 - Vision Zero toolkit

Key Tasks



- Comprehensive Safety Action Plan
 - Develop draft and final draft of CSAP
- SS4A Implementation Grant Application
 - Draft materials for implementation grant

Timeline



- 14-month process wrapping up at the end of 2024
- Eligible to apply for implementation funds in 2025 and 2026.

Discussion



- How can TMAC be involved?
 - Have consultant team attend TMAC and receive feedback from the group
 - Have representation from TMAC on the Transportation Safety Committee

- Questions?

MEDICAL EXAMINERS AND TRAFFIC INCIDENT MANAGEMENT

Medical Examiners and Traffic Incident Management

- Medical Examiners Organizational Structures
 - What are the different roles and responsibilities?
 - Medical Examiner (appointed position medical pathologist) and Deputy Pathologists
 - Coroner (elected position)
 - Contracted Pathologists
 - Forensic Investigators
 - Traffic Incident Management (TIM) Training
 - Do Medical Examiners receive TIM training?
 - Do Medical Examiners train with other responder agencies?
- Dispatch Process
 - What are the Transport Vehicles and Traffic Safety Equipment?
 - General experience with getting to the incident scene (traffic, traffic queues, weather, distance/travel time, etc)
- Incident Scene
 - Difference between medical/death investigation and criminal investigation?
 - What are the procedures performed at the Incident Scene?
 - Are Incident Scenes generally safe and secure from oncoming traffic?
 - How can Incident Scenes be made safer?
 - Do other responders know about the procedures that Medical Examiners perform at an Incident Scene?



OTHER DISCUSSIONS AND COMMUNITY ANNOUNCEMENTS

Talking TIM Webinar Highlights – June 2023

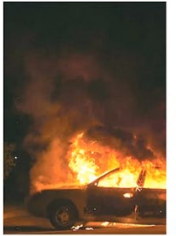
As electric vehicles become more popular and widely adopted...

- Have any metro agencies responded to electric vehicle fires?
- Are metro agencies prepared for electric vehicle fires?



FHWA Research: TIM Strategies for Electric Vehicle Fires

- **Project Purpose:**
 - Research the unique challenges associated with an incident involving an electric vehicle fire as it relates to TIM.
 - Identify good practices and opportunities to assist responders to improve safety and mitigate such incidents on all roadways.
- **Project Status:**
 - Conducted a review of current practices and policies.
 - Assembled a Technical Expert Panel, which met on June 20.
 - State of the Practice draft report will be completed this month.



Source: Unsplash.

Talking TIM Webinar Highlights – June 2023

Traffic management from the City of Inver Grove Heights, MN



**Protect yourself and protect the public by
*Managing Traffic***

Traffic is like flowing water...

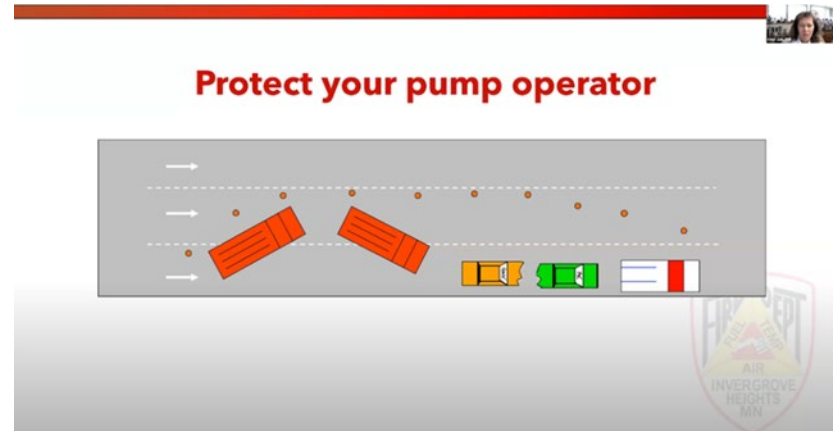
Will always keep coming

**If you don't give it a clear direction,
it will figure out its own way**



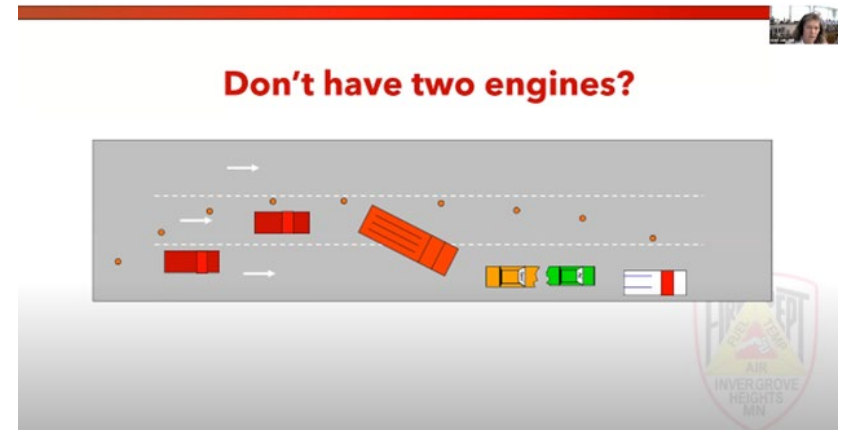
Talking TIM Webinar Highlights – June 2023

To protect the pump operator, another pumper can be used as a blocker.
Cones/flares can be used to direct traffic movement.



Talking TIM Webinar Highlights – June 2023

If another fire engine is not available as a blocker, other vehicles can be used for blocking.



Talking TIM Webinar Highlights – June 2023

Sometimes words on a board are needed to convey traffic information.



Inver Grove Heights Sign Boards

Wording
Provides instruction or
information to traffic



Talking TIM Webinar Highlights – August 2023

Have there been any recent medical helicopter landings in the Des Moines metro?

Are PELAs established in the Des Moines metro?

PELA's: predetermined emergency landing areas

Wind Direction → 100' TDA 100' ← Landing/Departure Direction

LIFELIGHT OF MAINE

Medical Helicopter Operation Risks

- Moving Traffic / Lane Closures
- Wires
- Confined Space
- Winter / surfaces / Speed Limits
- Visibility
- Night Operations
- Drones
- Helicopter Shopping

LIFELIGHT OF MAINE

GTSB Vulnerable Road Users Grant Opportunity

GTSB Traffic Safety Grant

- Federal Fiscal Year 2024 (October 1, 2023 - September 30, 2024)
- \$250,000 available for pedestrian and bicycle safety

Contact

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Program Administrator

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Iowa Traffic Incident Management Conference 2023

WHEN: Sept. 26, 8 a.m. to 4:30 p.m. Lunch will be provided

WHERE: Gateway Hotel and Conference Center, Ames, Iowa

REGISTER: [Register for the Conference](#)

Space Limited to 250 Attendees

Contact

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Fall TIM Conference Agenda
September 26, 2023
Gateway Hotel & Conference Center, Ames, Iowa

8:00-8:05	Posting of the Colors
8:05-8:15	Welcome/Introductions/Admin Items
8:15-8:30	Opening Comments – Major Troy Bailey, Iowa State Patrol
8:30-9:00	Communications Best Practices – Blake Derouchey, HSEMD
9:00-9:30	Iowa TIM Plan and MDST Updates – Theresa Littoral, Iowa State University
9:30-10:00	TrACS and MACH for Traffic Incident Management – Josh Halterman, Iowa DOT
10:00-10:30	Break and Equipment Displays
10:30-11:00	Impaired Driving and Advanced Driver Assistance Systems Crash Research – Michelle Reyes, University of Iowa
11:00-12:00	Handling EV/HEV Crashes and Fires - Chief Joe Zittergruen, Fire Service Training Bureau
12:00-1:00	Lunch/MercyOne Air Med Helicopter Display
1:00-2:00	RAGBRAI 50 - Matt Phippen, RAGBRAI Director
2:00-2:30	TIM Dashboard Development and New Research - Neal Hawkins and Skylar Knickerbocker, Iowa State University
2:30-3:00	Break and Equipment Displays
3:00-4:00	TIM From the Federal Perspective – Joseph Tebo, FHWA
4:00-4:30	HAAS Alerts – Rob Duckworth, HAAS Alert

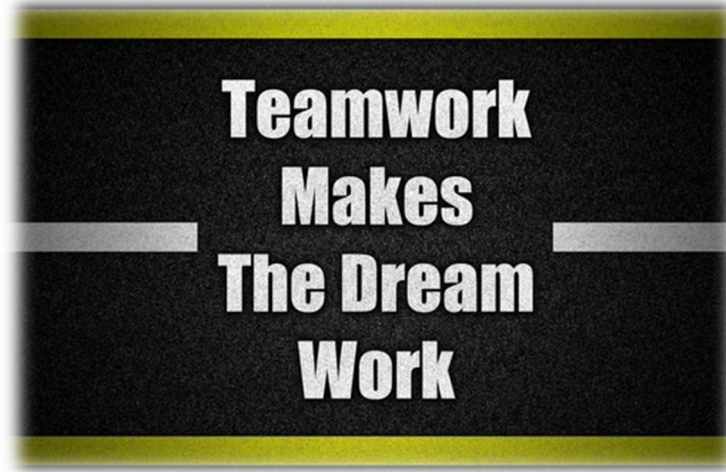
Vendors:

MercyOne Air Med – Helicopter display at Noon
Pi-Lite - Advanced traffic guidance and safety equipment for incidents and Work Zones
Street Smart – Sales and rentals of traffic safety equipment
HAAS Alert - Real-time digital alerts to prevent collisions and improve road safety

Community Updates



What's happening in your community?



Next Meeting



Wednesday December 6, 2023

10 AM

Hybrid Meeting

Please send me any meetings ideas or topics!