



National Traffic Incident
Management Coalition

NTIMC Strategic Direction Setting Webinar

September 8, 2011

1:00PM EDT

Agenda

Welcome and Introductions – Rebecca Brewster, NTIMC Research Working Group Chair

Webinar Overview/Objective – John Corbin, NTIMC Chairman (5 min)

Brief Overview of Selected National TIM Initiatives (30 min)

- NTIMC, John Corbin
- TIM Network, Rusty James, TIM Network Advisory Board
- FHWA Operations Roadmaps, Kim Vasconez, FHWA
- Regional Transportation Systems Management and Operations (AHB10), Eileen Singleton, Co-Chair RTSMO TIM Subcommittee
- Freeway Operations Committee (AHB20), Phil Masters, Freeway Ops Committee Chair
- NTIMC Research Working Group, Rebecca Brewster

Open Discussion/Q&A – Webinar Participants (15 min)

Needs Assessment Survey Introduction – John Corbin (5 min)

Wrap Up/Next Steps – Rebecca Brewster (5 min)



Setting the NTIMC's Strategic Direction – Stakeholder Involvement Webinar

***Thursday, September 8, 2011
1:00 p.m. EDT***

Webinar Overview/Objective

- Review Relevant National TIM Initiatives
- Stakeholder Input
- TIM Stakeholder Needs Assessment Survey – Your Input is Critical!



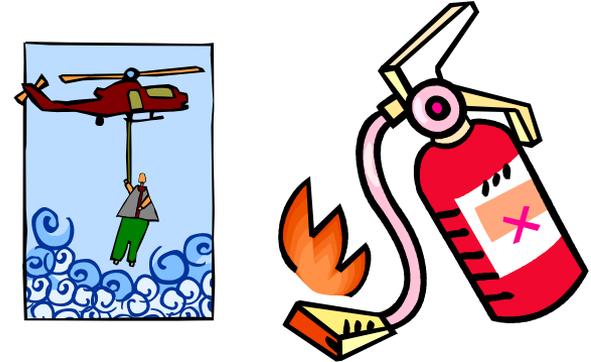
A National Unified Goal for Traffic Incident Management:

***Perspective on Progress,
Foundation for the Future***

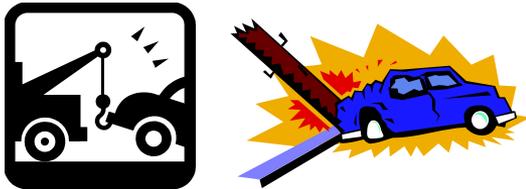
Transportation



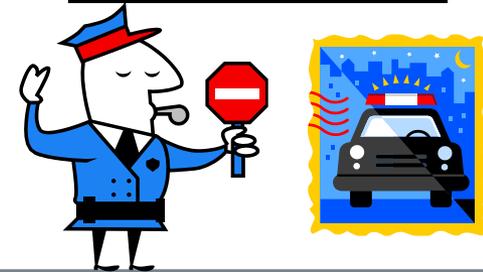
Fire & Rescue



Towing & Recovery



Law Enforcement



Public Safety Communications



Emergency Medical Services



National TIM Program Development: The Past Decade

2002 - First National TIM Conference

2004 - National TIM Coalition Formed

2005 - International TIM Scan Tour

2006 - National Unified Goal Workshop

2007 - NUG Adoption

2009 - NTIMC Strategic Plan

2010 - National TIM Network
- National NUG Summit

2011 - NTIMC Strategic Direction
Setting



NTIMC Strategic Plan: Mission & Vision



□ Mission

To link public safety and transportation communities to define, standardize, and advance the state of traffic incident management practice.

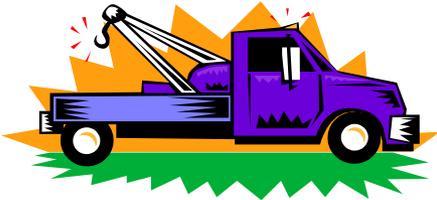
□ Vision

Leading and supporting a national network of traffic incident management (TIM) programs that are consistently implemented

The **National Unified Goal** for Traffic Incident Management



Responder Safety



Safe, Quick Clearance



Prompt, Reliable, Interoperable,
Communications

Key Challenges

1. Implementing the NUG:
National & State Level Momentum
2. Sustaining the NTIMC
3. Growing the TIM Network
4. “Annualizing” TIM Programs - National & State
...Similar to Strategic Highway Safety Plans

Industry, Advocacy, Government, Trade Associations



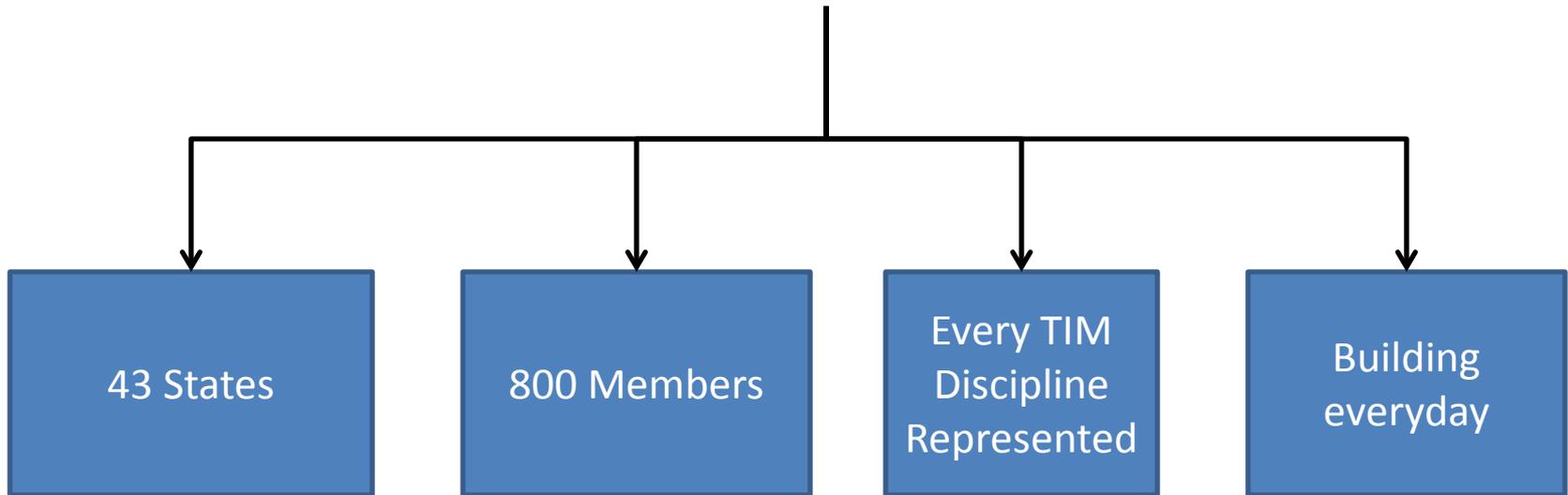
ntimc
National Traffic Incident
Management Coalition

Practices and
Procedures
Working Group

Communications
and Training
Working Group

Research
Working
Group

Practices and
Procedures
Working Group



Why a TIM Network?

- Previous NTIMC Strategic Plan
 - ✓ – Promote and support the successful development and conduct of local, regional, and statewide traffic incident management programs through peer networking, mentoring, and knowledge exchange among public safety and transportation professionals.
 - ✓ – Provide leadership in the development of multi-disciplinary best practices, guides, standards, and performance measures in support of sound traffic incident management activities.
 - ✓ – Develop and recommend appropriate research problem statements for referral to one or more Coalition partners to take advantage of multiple research avenues.
 - ✓ – Develop a delivery mechanism for NTIMC products, including the NUG, across the Nation.

The “Glue” for TIM Practitioner Knowledge

- Coordination
- Cooperation
- Communication
- Collaboration

Communication

- Monthly e-Newsletter *The Responder*



The Responder

July 2011

Message from TIM Network Liaison

Greetings TIM Network. I hope that all of you are having a chance to get away and enjoy this hot summer, I know I did and it was great. As we head into the second half of 2011, the TIM Network continues to expand in all directions and it is because of each of you that the network is gaining respect and acceptance. I cannot stress enough, how important it is that each of you continues to promote the TIM Network and participate in its growth, we stand at 696 members. This month, we have begun to take another important step by upgrading our website. Phase 1 included rebranding the look and feel, converting our calendar and moving information from our old site to the new one. Stop by and give us your opinion on our progress.

Phase 2 will be extremely important in the development of our national TIM Team and the true collaborative space that it needs. It will include the introduction of a members only section of the website that will allow members to find one another, a new web-based newsletter, as well as other elements that promote information exchange. The details are still being worked out but I am confident that this will be another important step in building a stronger, more relevant TIM Network.

You can help us. We need the following help moving forward:

- We need photos, presentations, brochures, and other content for the website. Send me your TIM photos and any other content for inclusion
- We would like to offer an interactive collaborative space that includes streaming video, webinar capabilities, moderated chat and other interactive collaborative tools. We need a volunteer that is willing to donate space on a real time messaging protocol (RTMP) server and provide the software to allow this type of collaboration. If your organization has such a server and would be willing to provide this service, please contact me so we can work out the details.

As always, forward, print and post *The Responder* and please email all suggestions and content to erensel@gfnet.com.

Eric E. Rensel

TIM Network Liaison | Gannett Fleming, Inc. | O:717-763-7211 M:717-645-3791 | erensel@gfnet.com

3 Questions with Dennis Blair

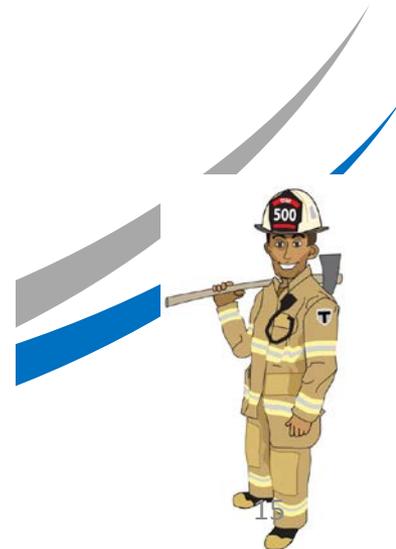
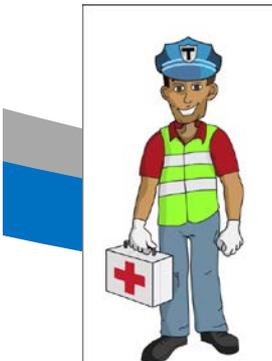
Dennis is the State EMS Director for Alabama and a member of the TIM Network Advisory Board

Collaboration

- <http://timnetwork.org>
 - Archive of the Responder
 - Free Online membership application
 - Online practitioner directory
 - Free online webinar capabilities
 - Document library
 - Online meeting registration
 - The Social Zone
 - Photos
 - Emergency Responder Safety Institute News Feed
 - NTOC News Feed

Collaboration

- Look for Tim Shareswell
- On Facebook – “Tim Shareswell” and “National Traffic Incident Management Coalition”
- Twitter – “The_TIM_Network”
- LinkedIn – “Tim Shareswell”



How do I get *The Responder*?

- Become a member of the TIM Network
 - www.timnetwork.org
 - Eric Rensel
 - TIM Network Liaison
 - Gannett Fleming Inc
 - 717-763-7211
 - erensel@gfnet.com
 - Rusty James
 - TIM Network Liaison
 - KC Scout
 - 816-622-0520
 - william.james@modot.mo.gov



Brought to you by



800 members and counting...are you
in the TIM Network?





Federal Highway Administration

Traffic Incident & Event Management

Future Direction in Traffic Incident & Event Management

Kimberly C. Vásconez

September 8, 2011



FHWA Vision for TIM

Strategic Plan FY 2011-2015

Better TIM programs & training will result in:

- Safe clearance of the Nation's roadways,
- Reduction of the risk of death or injury to responders or motorists, including reduction of secondary incidents
- Rapid clearance of incidents, reducing the impact on congestion & the potential for secondary crashes
- Clearly defined responder roles & better use of resources
- TIM being a "*core mission*" among transportation, law enforcement & fire/rescue, who will collaborative

FHWA serves as the National leader bringing about this vision



FHWA Vision for TIM

Strategic Plan FY 2011-2015



By 2015, FHWA Efforts Will Ensure:

- Safe, Quick Clearance laws, especially Move It, & the NUG adopted by all States
- Performance Measures collected in the top metro areas around the country & demonstrate TIM improvements
- Local-level Program improvements that will benefit Region/State via multiplier effect



TIM Road Map

Focus Areas: FY 2011-2015

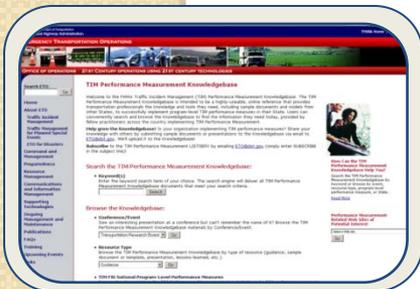
TIM Architecture—Program Building & Enhancements

Performance Measurement

Capacity Building via Training & Exchanges

Outreach

TMCs & Other TIM
ITS Applications



What has FHWA Done So Far to Achieve this Vision?



- Robust doctrine to establish common practices.
- Valued partnerships with key National Stakeholders
- Focused research to determine “causes and effects” & to identify real solutions to TIM challenges
- Peer exchanges, pilots & technical assistance
- Capacity Building via Training
- Senior Decision Makers & Practitioners Meetings to encourage support of local TIM program

ETO FY 2011 Work Highlights

- TIM Training Architecture
- SHRP II TIM National Curriculum
- Peer-to-Peer Exchanges
- Operations Safe Commute
- TIM/PSE Modeling
- 15 TIM Workshops
& Decision Maker
Meetings





National Traffic Incident Management (TIM)

FY 2012 Planned Work

- Training for Millions of TIM Responders:
 - Basic, Advanced & Executive Training
 - Training Trainers for SHRPII L-12/L-32 Basic TIM Course
 - Work on e-Training Packages via TRB & SHRPII
 - TIM/PSE Conference
 - Public Safety & TIM Conferences
- Agreements with: IACP, IAFC & AASHTO
- Re-align FHWA, NTIMC & TIM Network Efforts
- Dissemination of Standard Training Message
- Deliver Safety Service Patrol Cost/Benefit Tool
- Deliver Public Outreach Tool Kit
- Expand Performance Measurement KMS to all TIM Areas





Clearing the Road for TIM Training

National Framework

Standard Training Section (**Common Message**)

	Level	Description
Level I.	Responder Basic Training SHRP 2 – L12 & L32	Train-the-Trainers; Classroom & Distance Learning
Level II.	Advanced Training FHWA Workshops	Program Enhancement, Managers Top 40 Completed in FY12
Level III.	Executive Awareness Briefings: FHWA Sponsored	Senior Decision Makers

Mainstream TIM Training as Core Mission

Police & **Fire** via Academies with IACP & IAFC Assistance

Multi- Media Opportunities

On- Line Modules; Video; Virtual Interactive

Overview of the Regional TIM Subcommittee of the TRB RTSMO Committee

Eileen Singleton and Pat Noyes, Co-Chairs
September 8, 2011

Impetus to Initiate Regional TIM Subcommittee

- TIM is a critical component of maintaining regional transportation system reliability
- TRB Regional Transportation Systems Management and Operations (RTSMO) Committee identified need for a committee focusing on regional TIM
- RTSMO Regional TIM Subcommittee was created in January 2011
- Regional TIM Subcommittee views regional TIM activities from the perspective of both planning and operating agencies

Members of Regional TIM Subcommittee

- Membership open to all interested persons
- Current organizations represented include:
 - MPOs
 - State DOTs
 - Law Enforcement
 - Regional Operating Organizations
 - Consultants/Private sector
 - Academia
 - FHWA

Activities of Regional TIM Subcommittee

- Initial areas of investigation include:
 1. Existing TIM Committee Activities – Compiling information about existing TIM committees to identify areas of regional TIM that are not being addressed by existing groups / committees
 2. TIM Survey - Documenting existing regional TIM activities
 3. White Paper - Developing suggestions for how TIM could be dealt with in a regional context and the role regional organizations / MPOs could play in regional TIM

1. Existing TIM Committee Activities

- Summary includes committee name, contact, types of members, geographic area, scope of activities, and issues addressed
- Committees included:
 - American Assn of Motor Vehicle Administrators Law Enforcement Committee
 - APTA Public Safety Committee
 - ATSSA Roadway Safety Information for Emergency Responders
 - APCO Emerging 911 Issues
 - Cumberland Valley Volunteer Firemen's Assn Emergency Responder Safety Institute
 - I-95 Corridor Coalition Coordinated Incident Mgmt – Safety Committee
 - IEEE Standards Assn Incident Management Working Group
 - ITE M&O/ITS Council & ETO/TIM Committee
 - ITS America Transportation System Advisory Group
 - Internat'l Assn of Fire Chiefs Highway Safety Committee, TIM Subcommittee & Hazardous Materials Committee
 - NTIMC TIM Network
 - Nat'l Assn of State EMS Officials Highway Incidents and Transportation Systems Committee
 - Towing & Recovery Assn of America

2. TIM Survey

- **Conducted to identify current TIM activities at the regional level (i.e., between jurisdictions, between local and state agencies)**
- **Results will be used to identify state of the practice in regional TIM, as well as identify gaps and opportunities to enhance regional TIM activities**
- **Sent to members of:**
 - **RTSMO Committee**
 - **AMPO**
 - **NARC**
 - **TIM Network**
 - **NTOC**

Summary

- Survey period has closed
- Results are being analyzed
- Responses received – 145

Responding Organization Type	#	%
MPO	43	29.7
State DOT	30	20.7
Local public safety	29	20.0
Towing	13	9.0
Local DOT	5	3.4
Local emergency management	4	2.8
State emergency management	2	1.4
Other (toll authority, state police, consultant, TMA, other)	19	13.1

3. White Paper

- Will incorporate results of TIM Committee Activity Summary and TIM Survey to develop suggestions
 - for how TIM could be dealt with in a regional context, and
 - on the role regional organizations / MPOs could play in regional TIM
- Aiming to have a draft (at least) by TRB 2012

TRB Freeway Operations Committee (AHB20) TIM Initiatives



Phil Masters, P.Eng
Chair, TRB Freeway
Operations Committee

Committee Scope

- ◆ Concerned with all aspects of Freeway Operations and ITS applications to freeways
- ◆ Develop research topics and guidance manuals for Freeway Operations
- ◆ Liaise with other groups with related interests

Committee Members

- ◆ 8 public sector members
- ◆ 10 private sector members
- ◆ 7 academic members
- ◆ 3 international members (Qatar, Greece & Netherlands) 1 public, 2 private sector
- ◆ 3 Emeritus members

Committee Activities

- ◆ Develop research statements and synthesis topics
- ◆ Develop and maintain the Freeway Management & Operations Handbook
- ◆ Sponsor an annual seminar on topics of interest
 - ❖ Traffic Incident Management Seminar for many years
 - ❖ Active Traffic Management and Integrated Corridor Management last 2 years

NTIMC Research Working Group Overview

**Rebecca M. Brewster
Chair, NTIMC Research
Working Group**



Research Priorities

- Top 10 research priorities established as part of NCHRP 20-7 (282), *Research Needs Assessment for Roadside Worker and Vehicle Visibility*
- Subsequent ranking by RWG provided additional clarity on studies to be pursued pending resource identification

Research Priorities

1. **Struck-By/Near-Miss Database**
2. **Best Practices in Worker/Responder Visibility**
3. **Evaluating the Total Visibility Package**
4. **Evaluating Technology Applications to Provide Advance Warning of Highway Incidents and Work Zones to Motorists**
5. **Evaluating the Effectiveness of Responder and Roadside Worker Training Programs**
6. **Strategies for Overcoming Institutional Barriers Between Agencies**
7. **Harmonization of Regulations Covering Roadside Workers and Emergency Responders**
8. **Strategies for Improving TIM MUTCD Compliance**
9. **Best Practices in the Use of Traffic Control Devices on Vehicles**
10. **Developing a National Enforcement Strategy for Work Zones and Incident Scenes**

Struck-By/Near-Miss Database

- Initial tasks selected for funding as NCHRP 20-7 special study
 - ◆ Convene subject matter expert oversight panel
 - ◆ Identify data inputs
 - ◆ Assess/recommend data collection protocols
- Expressions of interest from potential oversight panelists collected; will identify panelists shortly

Struck-By/Near-Miss Database

- Potential to fund limited pilot test and development of implementation strategies through NCHRP FY 2013 submittal

Additional Research Activities

- **SHRP 2 Reliability Program**
 - ◆ L12 – Traffic Incident Responder Training
 - ◆ L17 – A Framework for Improving Travel Time Reliability
 - ◆ L32 – Implementation Tasks
 - L32A – Training and Curriculum
 - L32B – E-Learning Tools
 - L32D – Assessment Tool

- **Potential for additional research identification using TIM SA results**



Open Discussion

TIM Stakeholder Needs Assessment Survey

Please click [here](#) to access the survey.

FOR MORE INFORMATION

■ NTIMC Website
<http://timcoalition.org>

■ TIM Network
www.timnetwork.org

Name	Contact Information	Title	Affiliation
John Corbin	John.Corbin@dot.wi.gov	NTIMC Chairperson	
Eric Rensel or Rusty James	erensel@gfnet.com william.james@modot.mo.gov	TIM Network Liaisons	
Kimberly Vásconez	Kimberly.Vasconez@dot.gov	TIM Program Manager	
Eileen Singleton or Pat Noyes	esingleton@baltometro.org pat@patnoyes.com	Co-Chairs	Regional TIM Subcommittee of the TRB RTSMO Committee
Phil Masters	Phil.Masters@ontario.ca	Chair	TRB Freeway Operations Committee (AHB20)
Rebecca Brewster	rbrewster@trucking.org	Chair	 Research Working Group