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
A National **Voice** for Traffic Incident Management

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
43 States

800 Members

Every TIM Discipline Represented

Building everyday
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
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 renzel@cfnet.com.

Eric E. Rensel
TIM Network Liaison | Gannett Fleming, Inc | 0:717-753-7211 | M:717-645-3791 | erenzel@cfnet.com

3 Questions with Dennis Blair

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

Q: What made Dennis get involved in TIM? Why TIM?

A: ...
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](http://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
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
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
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)

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

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

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<th>Name</th>
<th>Contact Information</th>
<th>Title</th>
<th>Affiliation</th>
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<tr>
<td>John Corbin</td>
<td><a href="mailto:John.Corbin@dot.wi.gov">John.Corbin@dot.wi.gov</a></td>
<td>NTIMC Chairperson</td>
<td>NTIMC Management Coalition</td>
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| Eric Rensel or Rusty James | erensel@gfnet.com  
                                 | william.james@modot.mo.gov     | TIM Network Liaisons                             | TIM Network                                      |
| Kimberly Vásconez     | Kimberly.Vasconez@dot.gov       | TIM Program Manager            | U.S. Department of Transportation                |
| 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                          | NTIMC Management Coalition                       | Research Working Group                             |