Welcome… we will begin shortly
Today’s Guests

- John Corbin, NTIMC Chair & Wisconsin DOT - State Traffic Engineer
- Eric Rensel, NTIMC TIM Network POC
- Paul Jodoin, FHWA Traffic Incident Management Program Manager
- Rusty James, MODOT-Kansas City SCOUT
- Eric Reddeck, Hampton Roads, VA, & Chair, HR Highway Incident Management Committee
- Tom Martin, I-95CC
Agenda

- Welcome & Introductions
- History of the National Unified Goal for TIM
- TIM Network
- NUG Goals & Strategies
- Current Efforts in Addressing the Strategies
- Integrating the NUG into State & local TIM Programs:
  - Kansas City, MO
  - Hampton Roads, VA
  - I-95 Corridor Coalition
- Questions and Answers
- Wrap Up
National Unified Goal
For Traffic Incident Management

Working Together for Improved Safety, Clearance and Communications
Member Organizations

- **Transportation** (AASHTO, ATA/ATRI, ATSSA, FHWA, ITE, ITSA, I-95 CC, TRB, AMPO, IMSA)
- **Fire & Rescue** (Emergency Responder Safety Institute, IAFC, IAFF, IFSTA, NFPA, NVFC, USFA)
- **Emergency Medical Services** (NASEMSO)
- **Public Safety Communications** (APCO, NENA)
- **Towing & Recovery** (TRAA, AAA)
- **Law Enforcement** (IACP)

**NTIMC – A National Voice for TIM**
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.
What is the National Unified Goal for Traffic Incident Management?

The Traffic Incident Management National Unified GOAL is:

- Responder Safety;
- Safe, Quick Clearance; and
- Prompt, Reliable, Interoperable Communications.
TIM Network & the National TIM Coalition

National Unified Goal
For Traffic Incident Management

Working Together for Improved Safety, Clearance and Communications
**TIM Network Mission, Vision & Goals**

**Mission:** To link public safety and transportation communities to define, standardize & advance the state of TIM practices

**Vision:** Leading & supporting a national network of TIM programs that are consistently implemented.

**Goals:**

1. Promote & support the successful development & conduct of local, regional & Statewide TIM programs through peer networking, mentoring & knowledge exchange among public safety & transportation professionals

2. Provide leadership in the development of multi-disciplinary best practices, guides, standards & performance measures in support of sound TIM activities.

3. Develop & recommend appropriate research problem statements for referral to one or more Coalition partners to take advantage of multiple research avenues.

4. Develop a delivery mechanism for NTIMC products, including the NUG, across the nation.
A TIM Network Application has been created

Conduit for individuals actively involved with TIM the opportunity to get involved with:

- Practices and Procedures Working Group
- Communications and Training Working Group
- Research Working Group

Perhaps most importantly – access to others with similar experiences or challenges
Branding of the TIM Network has begun

Established a Working Group
- Outreach and backfill
- Promote TIM at all levels of government and industry
- Unified voice through the NTIMC leadership

Assigned TIM Network Leader
- Eric Rensel
- Gannett Fleming, Inc
- 717-763-7212x2428
- 717-645-3791
- erensel@gfnet.com

Be Heard!
Go to http://timcoalition.org to complete a short survey about how the TIM Network can help.

TIM Network
National Traffic Incident Management Coalition
National Unified Goal
For Traffic Incident Management

Working Together for Improved Safety, Clearance and Communications
What is the **National Unified Goal for Traffic Incident Management**?

The Traffic Incident Management National Unified **GOAL** is:

- Responder Safety
- Safe, Quick Clearance
- Prompt, Reliable, Interoperable Communications

How Will We Achieve the **National Unified Goal**?

Implementing 18 strategies
6 NUG Cross-Cutting Strategies

6 NUG Strategies are cross-cutting. These strategies are the foundation for achieving all 3 major objectives of the NUG.

- TIM Partnerships and Programs
- Multidisciplinary NIMS and TIM Training
- Goals for Performance and Progress
- TIM Technology
- Effective TIM Policies
- Awareness and Education Partnerships
3 Responder Safety Objectives
(Objective 1)

- Recommended Practices for Responder Safety
- Move Over/Slow Down Laws
- Driver Training and Awareness

3 Safe, Quick Clearance Strategies
(Objective 2)

- Multidisciplinary TIM Procedures
- Response and Clearance Time Goals
- 24/7 Availability
6 Prompt, Reliable Incident Communications Strategies (Objective 3)

- Multidisciplinary Communications Practices and Procedures
- Prompt, Reliable Responder Notification
- Interoperable Voice and Data Networks
- Broadband Emergency Communications System
- Prompt, Reliable Traveler Information Systems
- Partnerships with News Media & Information Providers
Current Efforts to Address the NUG Strategies

National Unified Goal
For Traffic Incident Management

Working Together for Improved Safety, Clearance and Communications
NTIMC Member Activities Supporting the NUG

EXAMPLE NUG Strategy #1 - TIM Partnerships and Programs

- NTIMC  Strategies for Building Stronger State TIM Programs
- SHRP II  L06: Institutional Architectures to Advance Operational Strategies
- FHWA  FHWA TIM Self Assessment
- USFA & CVVFA  Roadway Safety Initiative for Emergency Responders
- TSAG  Transportation Safety Advancement Group
- I-95 CC  Quick Clearance Toolkit
- USFA  Apparatus Response & Roadway Operational Safety in the Career Fire Service
- USFA  USFA initiated Partnerships
- FHWA  FHWA TIM Strategic Plan and ETO Roadmaps
- IFTSA  Guidelines for Highway Incident Scene Safety and Traffic Control
- NTIMC  Benefits of Traffic Incident Management

Matrix accessible to webinar participants.
FHWA TIM Road Map 2008-2012

TIM 2009-2010 Work

- Work with NTIMC on Strategic Direction
- Full-Function Service Patrols Guidance & Training
- Safe, Quick Clearance (SQC) Best Practices Handbook
- SQC Decision Maker & Public Outreach
- CAD-TMC-EOC-FC Connectivity
- TIM Performance Metrics Knowledge Management System
- Safe, Quick Clearance Incident Performance Metric Adoption Campaign
- Partnering with NTIMC Members on NUG Projects
- TIM Peer to Peer Program
- TIM Self-Assessments & Other Performance Measurements
TIM Performance Measurement Knowledge Management System

- Subscribe to the TIM PM managed email list to access the experiences and expertise of the focus States and others across the country measuring TIM performance:

  - Ask specific questions, get helpful answers from people with experience
  - Suggest/share helpful resources
  - Send an email to TIMPM@dot.gov to subscribe!
TIM Performance Measurement Knowledge Management System

- Bookmark the TIM PM Knowledgebase when it is ready to access documented knowledge:
  - TIM Performance Measurement Fact Sheet and Presentation
  - TIM Performance Measurement Focus State Workshop Reports
  - Helpful Materials/Resources from States doing performance measurement:
    - Example Memorandum of Agreements
    - Example requirements documents or reports
    - Example systems specifications for data sharing
  - Contact List of TIM PM Focus States Participants
  - FHWA TIM Self-Assessment and other resources
this is a placeholder until the URL for the TIM Performance Measurement Knowledgebase is identified. The slide will then be updated to reflect the URL and all recipients of the draft version will receive the Final Version. It will also be placed in the Knowledgebase for reference and use by anyone.
Good Practices: NUG Integration into Local Programs & Organizations

Kansas City, MO
Hampton Roads, VA
I-95 Corridor Coalition

Working Together for Improved Safety, Clearance and Communications
Kansas City
Traffic Incident Management Program
Supporting NUG Implementation

Rusty James
Incident Management Coordinator
Kansas City Scout
http://www.kcscout.net/
Kansas City Traffic Incident Management Program

- Kansas City Scout is the regional traffic management system
- Bi-state cooperative between Kansas and Missouri
- Over 50 law enforcement agencies in Metro area
- Over 25 fire departments in Metro area
- Several EMS providers
- Unsure of the number of towing providers
Kansas City Traffic Incident Management Program

- Traffic Incident Management Program was started in early 1990’s
- Promotion of program began in 2007
- Most police officers, fire personnel, EMS personnel, the media, the towing community and other providers unaware of NTIMC or the NUG
- Towing was more familiar than other responders
- Responders not familiar with MUTCD
- Not a training issue – It was a culture
Kansas City Traffic Incident Management Program

- NUG was the foundation for the changes in attitudes and approach to functions
- Local agencies began to understand that this was not just something that KC Scout was developing
- Need for training in Traffic Incident Management was stressed
- Training regarding MUTCD conducted
- Again, NUG was foundation for that training
Kansas City Traffic Incident Management Program

- NUG is promoted in regional police and fire training academies
- Need for safe, quick clearance is better understood
- Understanding that quick clearance compliments the need for responder safety, not a contradiction
- Agencies understand the need for interoperable communications
- Agencies from all disciplines work together better
- Cooperative Accord was signed by partners
Kansas City Traffic Incident Management Program

- Adoption of high visibility clothing policies
- Adoption of quick clearance procedures
- Reduction in number of struck-by incidents
- Reduction in damage to response vehicles
- 44% reduction in congestion caused by incidents
- Reduction of 112 minutes in average time to clear long term incidents
- Safer highways
Hampton Roads Highway Incident Management Committee
Supporting NUG Implementation

Eric Reddeck  Chair
Hampton Roads Highway Incident Management Committee
Hampton Roads Fire Safety Officials Committee
HRFSOC@cox.net
This memorandum of understanding is made this 9th day of December, 1999, by and between all federal, state, county and city responders to a highway incident in the greater Hampton Roads area (represented by the signatures listed). The purpose of this plan is to set forth guidance for response to a highway incident in this multi-jurisdictional area. It is understood that each responding jurisdictional agency has its own set of operating guidelines and procedures. It is also agreed that each jurisdictional agency recognizes and will implement the Unified Command System should a situation occur that requires such action. This will be accomplished without any agency losing or abdicating authority, responsibility or accountability.

By way of signature, agency representatives agree to implement the plan through training of their personnel. Signature  Title  Agency/Department  Date

HRHIM Plan Video @ I-95 Corridor Coalition  (QC Video)

http://www.i95coalition.net/i95/Training/QuickClearanceWorkshop/tabid/188/Default.aspx
Virginia’s Slow Down/Move Over Law

Senator Blevins in 2002 Patron Virginia’s Move Over Law

http://leg1.state.va.us/cgi-bin/legp504.exe?021+sum+SB367

“Move Over” Law Takes Precedence in Hampton Roads

Senior Trooper Robert Hill: struck & Killed, Route 58 in Southampton County.

November 24, 2006

http://www.odmp.org/officer/18603-senior-trooper-robert-a.-hill-sr
Objective 1: Increase Responder Safety by Eliminating Struck-By Incidents & Fatalities

Hampton Roads Regional Concept for Transportation Operations (RCTO)

Hampton Roads RCTO – June 2008

City of Suffolk- Installed (8) “Move Over Signs” on HWY 58 - 5 feet tall by 12 feet wide
http://www.suffolk.va.us/pub_wks/traffic/index.html

VDOT uses Variable Message Signs for ”Slow Down/ Move Over” message
Virginia Chief Medical Examiner
http://www.vdh.state.va.us/MEDEXAM

VA’s Chief Medical Examiner: Very helpful in HRHIM/HRFSOC issues

POLICY: Fatalities on Virginia’s Highway & Scene Safety

Accident Investigation
http://hamptonroads.tv/hrtv.php?id=1999345

- Additional Total Stations will cut down travel time for VSP investigators.

- Hampton Roads Regional Emergency Vehicle Preemption Standard

- Safer and Quicker responses in the entire region
VDOT Safety Service Patrol
Divert Traffic off I-64 Multi-Vehicle Accidents
SSP-Arrow Trucks greatly help Emergency Scene Management

Virginia ITS Architecture


HRHIM provides suggestions of First Responders
Keep IT Simple

Funding source needed to aid
First Responders $$$

Total Stations
2/10 or 1/10 Mile Markers
Emergency Scene Ahead Signs
Slow Down Move Over Law Signs

Finding the Accident is a major problem

Fire, Police, EMS needs input in Interstate Highway design
I-95 Corridor Coalition
Supporting NUG Implementation

Capt. Tom Martin
Operations Coordinator

http://www.i95coalition.org/
I-95 Corridor Coalition…
A Partnership of Transportation Agencies

Successful Model for Interagency Cooperation and Coordination since the early 1990’s

- $4.5 trillion economy (40% of U.S. GDP)
- 3rd largest economy in the world
- 21% of Nation’s road miles, 35% of Nation’s VMT
- 565 million long-distance trips
- 5.3 billion tons of freight

The I-95 Corridor Coalition’s focus on one of the ‘NUG’-GETS... **Quick Clearance**
Why the I-95 Coalition Is Involved…

- Essential to clear incidents from the roadway quickly to reduce secondary incidents to improve safety and alleviate congestion
  - 13 I-95 Coalition States have now enacted “Quick Clearance/Move-It” laws (PA, NH, VT, MA, CT, RI, DE, FL, GA, MD, NC, SC, VA)
  - Many drivers are unaware of these laws and still don’t move their vehicles

- Goal: increase safety by more consistent application of QC/MI practices throughout the Corridor
How the I-95 Coalition Is Involved…

Quick Clearance Implementation Training Workshops
– Over 1500 Multidisciplinary Responders
   in 15 Coalition States Trained to Date –

- Quick Clearance Executive Forums
  - For senior agency personnel and legislative staff to engender executive support for incident management in general and QC in particular

- Quick Clearance Responder Workshops
  - For Agency Managers and Practitioners from all pertinent disciplines to engender middle management and supervisory support for IM/QC

- Quick Clearance for Law Enforcement Training
  - Six-hour detailed training session geared for Law Enforcement personnel

- Quick Clearance for Fire Training Module Under Development

All Sessions utilize the I-95 Coalition’s Quick Clearance Toolkit
I-95 Corridor Coalition
Quick Clearance Toolkit Contents
Addresses Interdisciplinary and Interagency Responsibilities

- Statutory/Regulatory/Policy Best Practices
  - Quick Clearance and Move It Laws; “Open roads policy”; Service patrols; Interagency communications; Innovative programs for towing and wrecker services; Certification of responders; …

- Administrative Best Practices
  - Multi-agency TIM Teams; Inter-agency standards, training & certification; Technology and inter-agency communications; Incentive reward programs; …

- Operational Best Practices
  - Detection; Verification; Notification; Response; Clearance; Traveler information; Post-incident debriefs; …

Now Available Online at www.i95coalition.org
Supporting NUG Implementation…

Host NUG Interdisciplinary Summit and Encourage Regional IM Task Force Establishment

- Coordinating with NTIMC and others, the I-95 Coalition will be hosting a NUG Summit to discuss interdisciplinary IM issues and recommend best practices for the resolution of those issues

- After the Summit, outreach to regional entities and emergency responders to encourage formation of regional IM task forces
Supporting NUG Implementation...

I-95CC’s 3-D, Distributed, Interactive Transportation Management and First Responder Training System

- An intensive training program that uses 3-dimensional, multi-player computer gaming simulation technology & distance-based learning technologies to test, validate, certify & reinforce the dissemination of best incident management practices across the Coalition region.

- Practical, scenario-based, interactive, real-time IM training for up to 500 responders simultaneously at a variety of locations.
  - Can be accessed from any location with an internet connection thereby reducing training and travel costs and enabling increased participation.

- Designed to educate and validate QC practices and related IM techniques and promote communication, coordination and cooperation among organizations involved in IM.
  - Peer-to-peer training discussions achieve more consistent performance, more innovation, and better and safer delivery of incident management.
The End Goal

- Meld I-95CC Quick Clearance Workshops/Toolkit and 3-D IM First Responder Training System bringing all responders to a common level on core competencies

- Consider basic voluntary Certification Program for incident responders in concert with the NTIMC/NUG
Southwest Florida

National Unified Goal
National Traffic Incident Management Coalition

The objective of the NUSIC is to increase the safety of incident responders and to reduce incidents and their associated traffic congestion, which will improve the quality of life and economic opportunity.

Communications:

1. NUSIC M3: Integrated TIM System
   - Interagency and interjurisdictional coordination
   - Enhanced real-time communications
   - Improved data sharing and analysis
   - Enhanced public awareness

2. NUSIC M4: Interagency TIM Systems
   - Enhanced coordination and information sharing among agencies
   - Improved communication and response times
   - Enhanced public awareness and education

3. NUSIC M5: Interagency TIM Systems
   - Enhanced coordination and information sharing among agencies
   - Improved communication and response times
   - Enhanced public awareness and education

Intelligent Transportation Systems (ITS):

The ITS is a key component of the NUSIC and plays a critical role in achieving its goals. ITS solutions include a wide range of technologies and services, such as traffic monitoring, traveler information, and emergency response planning.

ITS provides a range of services to support the goals of the NUSIC, including:
- Real-time traffic monitoring
- Enhanced safety and emergency response planning
- Improved travel times and reduced congestion
- Enhanced public awareness and education

ITS solutions are designed to improve the efficiency and effectiveness of traffic management, while also promoting safety and reducing congestion. These solutions are implemented through a combination of advanced technologies and innovative approaches, including data collection, analysis, and modeling.

ITS solutions are designed to be flexible and scalable, allowing for easy integration and expansion as needed. They are designed to be user-friendly and accessible, providing real-time information to travelers and emergency responders alike.

ITS solutions are tested and validated through rigorous testing and evaluation processes, ensuring that they meet the needs of the NUSIC and its stakeholders.

ITS solutions are being deployed across the region, providing real-time information to travelers and emergency responders alike. These solutions are designed to be flexible and scalable, allowing for easy integration and expansion as needed. They are designed to be user-friendly and accessible, providing real-time information to travelers and emergency responders alike.

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Facilitated Discussion & Qs & As

National Unified Goal

For Traffic Incident Management

Working Together for Improved Safety, Clearance and Communications
Facilitated Discussion

What is the greatest challenge in integrating the NUG into your TIM programs?
Facilitated Discussion

What tools or guidance could FHWA or the NTIMC develop to address your needs?

Questions & Answers
Kansas City Traffic Incident Management Program

- Rusty James
  Incident Management Coordinator
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  Lee’s Summit, Missouri  64086
  816-622-0520
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Hampton Roads, Virginia

Eric Reddeck  Chair
Hampton Roads Highway Incident Management Committee

Hampton Roads Fire Safety Officials Committee
HRFSOC@cox.net
Capt. Tom Martin
Operations Program Coordinator
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THANK YOU!
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http://timcoalition.org
- Proposed NUG Detail
- NUG Technical Papers
- TIM Network
FHWA ETO Team

- **Kimberly Vasconez** Emergency Transportation Operations Team Leader, (202) 366-1559 or kimberly.vasconez@dot.gov

- **Paul Jodoin** Traffic Incident Management Program Manager, (202) 366-5465 or paul.jodoin@dot.gov

- **Laurel Radow** Evacuations & Planned Special Events Program Manager, (202) 366-2855 or laurel.radow@dot.gov

- **Ray Murphy** Resource Center, ITS Specialist, (708) 283-3517 or ray.murphy@dot.gov

http://www.ops.fhwa.dot.gov/eto_tim_pse/
Thank You!

Hampton Roads - Virginia