EMERGENCY RESPONDER DAY

ITS AMERICA WELCOMES YOU!

Bob Murphy
AECOM
Session 1: Emergency Responder Day
Session 2: Real-Time Data Applications for Emergency Responders
Session 3: ITS Benefits to Responders
• How & Why it got started
• Benefits to Responders
• Benefits to ITS agencies
• Motorola Foundation Grant
Traffic Incident Management National Unified Goal (NUG)

1. Responder Safety
2. Safe, Quick Clearance
3. Prompt, Reliable, Interoperable Communications
Traffic Incident Management National Unified Goal (NUG)

NUG Strategies for promoting Responder Safety are:

- Recommended Practices for Responder Safety
- Move Over/Slow Down Laws
- Driver Training & Awareness
Strategies for promoting Safe, Quick Clearance are:

- Multidisciplinary TIM Procedures
- Response and Clearance Time Goals
- 24 / 7 Availability
Traffic Incident Management
National Unified Goal (NUG)

Prompt, Reliable, Interoperable Communications

Operations:
- Multidisciplinary Practices & Protocols
- Responder Notification

Technology:
- Interoperable Voice & Data Networks
- Broadband Systems

Services:
- Traveler Warning & Information Programs
- News Media & Information Provider Partnerships
TIM NETWORK

National Traffic Incident Management Coalition (NTIMC)

• Nationwide Practitioner Peer Group Webinars
• Learning Center
• Communications and Training
• Research

http://TimNetwork.org/
On-Line Training Simulation

- Incident Scenarios
- Assume roles of other responders
- Rural/Urban benefits
Move
Over Law

- ITS Devices promote awareness
- Laws/Fines vary state-to-state
Florida Turnpike Study

- 76% Compliance
- Blue/Red Light affect
- Minimal vehicles slowed down
Smoke/Fog Task Force
Interstate 75

- Weather monitoring
- Off-road parking area
- Toll plaza U-Turn
- US 27 ITS installation
SESSION 1
Wrong-Way Drivers

Incidents

- I-95 Chester PA – October 2010
- I-95 Martin County – May 2012
- SR408 Orlando – August 2012
SESSION 1

Recent Incident

I-85 Fulton County GA – August 2012

Wrong-Way Drivers
Wrong-Way Driver
Highway 49 – Collins, Mississippi (July 2012)
SR 924 Hialeah FL – March 2012
SESSION 1

Wrong-Way Detection

Head-on Collision Avoidance/Alerts

- CCTV and Radar uses
- Law enforcement and motorists alerts
- Texas – 18 wrong-way drivers detected in two years (Harris County Toll Road Authority)
SESSION 1

Head-on Collision Avoidance/Alerts
SESSION 1

Location Reference Markers (LRMs)

- Decreases arrival times
- GIS locations in 911 PSAP database
- Call taker training

Rural Incident Management
SESSION 1

FUSION CENTERS
• Agency Co-location

Kentucky Partners
• Kentucky Office of Homeland Security
• Kentucky State Police
• FBI
• ATF
• Department of Public Health
• Kentucky Department of Corrections
• Lexington Police Department
• U.S. Coast Guard
• U.S. Customs and Border Protection
• U.S. Department of Homeland Security
• Secret Service

Kentucky Intelligence Fusion Center and the State TOC
SESSION 1
Citizens Band Radio Advisory System

Florida’s Turnpike Enterprise

- Truckers/Commercial Vehicles
- Remote broadcast on Channel 19
- 15 locations along 400 mile corridor
Quick Clearance Heavy Wreckers

- Open Roads Policy
- Responding units ITS data
- Photogrammetry
- CCTV monitoring

Colorado DOT

Heavy Tow

Washington DOT

Tow Incentive Program for Heavy Truck Collisions

Georgia DOT (TRIP)
Towing and Recovery Incentive Program

Wisconsin DOT (TIME)
Traffic Incident Management Enhancement

Florida DOT (RISC)
Rapid Incident Scene Clearance

I-95 Corridor Coalition
Quick Clearance Workshop
Heavy Wrecker Incentive Based Clearance

FLORIDA’S TURNPIKE ENTERPRISE

RISC Event Summary 2009-2011 (Total Duration)

- **(28 Events) 2011**
  - Activate: 19.9
  - Arrival: 45.3
  - NTP: 13.9
  - Clearance: 59.3
  - Total Duration: 138.4

- **(42 Events) 2010**
  - Activate: 26.4
  - Arrival: 48.5
  - NTP: 13.8
  - Clearance: 49.5
  - Total Duration: 138.2

- **(76 Events) 2009**
  - Activate: 13.9
  - Arrival: 48.4
  - NTP: 26.7
  - Clearance: 50.0
  - Total Duration: 139.0
SESSION 1  Emerging Issues

Responder Struck-By Near-Miss Database

- Promote Awareness
- Centralize Data
- Standardize Collection Method/Reporting

North Carolina Trooper
Struck/Killed – Highway 64
Nash County - 9/1/12
**SESSION 1**

**Emerging Issues**
- Responder safety
- Safe, quick clearance
- Prompt, reliable, and interoperable communications.

SHRP II Multidisciplinary TIM Training
- To improve traffic incident on-scene management
- Train-the-Trainer course
- Tabletops
Command and Communications Rally Webinar – October 17th

- James Wadsworth, Fairfax County
- Randall Larson, 911 Magazine
SESSION 1

TIM Events & Activities

Command and Communications Rally Webinar – October 17th

- Improvements in technology
- www.itsa.org

ITS America Nashville, April 22-24, 2013
Federal Highway Administration and The TIM Network

Present:

Rural Traffic Incident Management Webinar

October 16, 2012
from 4:00 – 5:30 PM ET

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Contacts

Websites

Organizations

- TimCoalition.org
- TimNetwork.org
- WorkZoneSafety.org
- Itsa.org
- Ntimc.org

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ITE     NTMC
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