



20th Annual Michigan Traffic Safety Summit

Changing Traffic Incident Management by Training a Nation of Responders

March 26, 2015
Richard Marinucci



Purpose of Today's Briefing

- Increase awareness TIM Incident Responder Training Program
- Present an overview of training
- Identify course highlights, benefits, and support
- Introduce Responder Safety Training Institute and www.respondersafety.org

Quantifying the Issue – Responder Safety

A police officer is **18 times** more likely to die from being hit by a vehicle than being struck by a bullet. Mortality rates are staggering:

- 6 – 8 die each year:
Fire/Rescue, EMS
- 10-12 die each year:
Law Enforcement
- 50 die each year: Towing
- 100 die each year + 20,000 injured: Highway Personnel



Making the Business Case

- Safety: Victims; Responders; Travelers
- Cost: Delays; Economy; Freight Movement; Supply Chain; Protecting our Investment
- Homeland Security: Emergency Operations; Terrorism Vulnerability

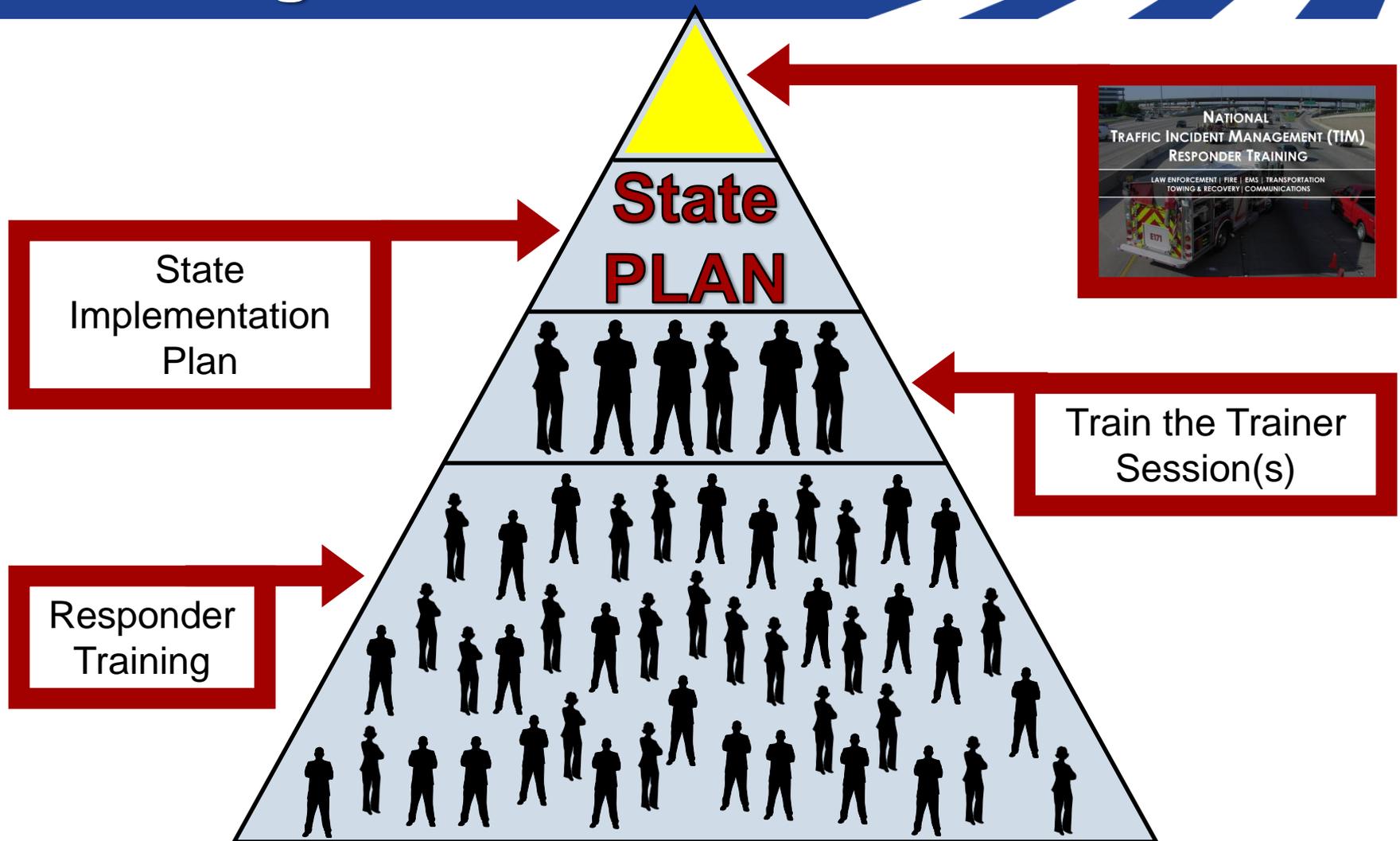
	Cost of Crashes		Cost of Congestion	
	Total	Average Per Person	Total	Average Per Person
2005 National	\$164.2 billion	\$1,051	\$57 billion	\$430
2009 National	\$299.5 billion	\$1,522	\$97.7 billion	\$590

Who Needs This Training?

- Law Enforcement
- Fire and Rescue
- Transportation
- Public Works
- Emergency Medical Services
- Towing and Recovery
- HAZMAT Responders
- Coroners/Medical Examiner
- Communications/Dispatchers
- Miscellaneous Responders



Critical Link: Trainers Training Others



Ties into National TIM Responder Goals

- **Objectives:**

- Reduce or eliminate responder and motorist injuries and fatalities
- Promote rapid incident clearance, thereby reducing traffic congestion and vulnerability
- Reduce costs associated with traffic incidents



- **Outcomes:**

- Develop or enhance local TIM Programs that ultimately benefit corridors, regions, and states
- Measure performance that demonstrates improved TIM responses and programs over time
- Emphasize TIM as a system operations “core mission” for all responders

Why is this important?

“The whole idea is to get responders to play in the sandbox together again. We have trained well in years past but always in our own little silos. We must break down these self-imposed barriers to provide better service to our constituents and a safer work area for ourselves at the incident scene.”

- Indiana State Police Major (Ret.) Thomas E. Melville



Benefits of National TIM Training

Arizona



October – December 2010 – 4,793	April – June 2011 4, 366
Non-Injury	Non-Injury
–Roadway Clearance: 45 min	–Roadway Clearance: 32 min (-29%)
–Incident Clearance: 84 min	–Incident Clearance: 40 min (-52%)
Injury	Injury
–Roadway Clearance: 54 min	–Roadway Clearance: 46 min (-14%)
–Incident Clearance: 94 min	–Incident Clearance: 54 min (-42%)

Indiana

A multi-vehicle crash on I-70 west of Indianapolis in a driving snow storm was cleared in 5.5 hours – eliminating six additional hours of road closures because of the TIM training



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What We Do

Created as a Committee of the Cumberland Valley Volunteer Firemen's Association, the Emergency Responder Safety Institute (ERSI) serves as an advisory group of public safety leaders and transportation experts committed to reducing deaths and injuries to America's emergency responders. Every day, our nation's firefighters, EMTs/paramedics, state troopers, police officers, sheriff's deputies, tow operators, and departments of transportation responders are exposed to the grave hazards inherent in emergency responses on the nation's highways and roadways. ERSI is dedicated to the safety of these men and women by engaging in and promoting activities that include developing educational material to support responder safety training; promoting the National Unified Goal (NUG) for Traffic Incident Management (TIM) including responder safety; safe, quick clearance and interoperable communications; encouraging the development of TIM Teams, promoting collaboration, communication and cooperation among the nation's emergency responders and keeping emergency responders up to date on national rules, regulations and trends related to safe roadway incident operations.

RESPONDERSAFETY News

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Chief Ed Mann Appointed CVVFA/ERSI Continuing Education Manager

CVVFA President Walter Robertson announced today that Chief Ed Mann former Pennsylvania State Fire Commissioner has accepted the position of Director of Continuing Education of the Emergency Responder Safety Institute. "Ed has been a member of ERSI for years and we are pleased he agreed to take a higher profile in our organization" said Robertson. [Click here to learn more...](#)

South Carolina: Anderson County Citizens Encouraged to Show Support for Fallen Firefighter

Sandy Springs Fire Chief Randy Wilson and Anderson County Fire Chief Jimmy Sutherland

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Training

These Resources will support your training efforts by suggesting learning objectives, providing content, rendering technical assistance, and giving examples of other training implementations. Please note that multiple modules on various aspects of safe roadway operations are available on the Responder Safety Learning Network (learning.respondersafety.com).

NTMIC "Anatomy of a Traffic Incident"

30.42 KB

Adobe PDF File

This document from the National Traffic Incident Management Coalition provides basic information about what happens in traffic incident response. This information is intended for use in public education campaigns.

Upload Date: 12/17/2012

Categories: [Training](#) | [National Unified Goal](#) | [Traffic Incident Management](#)

"Roadside Safety is No Accident" Safety Information Poster

511.96 KB

Adobe PDF File

This poster, suitable for EMS and fire departments to hang in their stations, reinforces safety practices when operating on the roadway.

Upload Date: 5/7/2008

Categories: [Safety Education Materials](#) | [Training](#)

Backing Fire Apparatus SOP/SOG Template

199.00 KB

The purpose of this guideline is to outline proper safety practices Microsoft Word Document to be used when backing Fire Department vehicles and maneuvering in close quarters situations.

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[Michigan: Bloomfield Township Officer Struck by Car](#)

Dashcam video shows a Bloomfield Township police officer get hit by a car Saturday on Interstate 75 near Adams Road. The Bloomfield Township Police Department posted the video to its Facebook page, explaining the officer was outside of his own vehicle assisting a driver who slid off the interstate into the median. Police say an 18-year-old driver lost control and struck the officer's patrol car before hitting the officer and the disabled car. Another story can be found at: <http://abc27.com/2015/02/20/raw-video-michigan-police->

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California: Community Mourns Monterey Park Crossing Guard's Death

Abel Flores Castellanos was sitting in a folding chair at the corner of Garfield and Elmgate avenues Tuesday around 3:40 p.m. when a driver lost control of his 2004 Ford Mustang — possibly swerving to avoid another vehicle — then jumped the curb and hit him, according to the Monterey Park Police Department and the California Highway Patrol. He was pronounced dead at the scene. He was identified by the county coroner's office Wednesday.

California: Tow Truck Driver Struck and Killed

A tow truck driver was killed and another gravely injured Saturday when they were struck by a pickup while helping another motorist along state Route 78 in San Marcos, authorities said. The two arrived in separate rigs about 7 a.m. to change a flat tire for a 43-year-old man in a Nissan Frontier pickup. They all were parked along the right shoulder of the eastbound lanes, east of Nordahl Road, the California Highway Patrol said.

Maryland: Paramedic Killed Wen Struck by FD Utility Truck

Erik Steciak, 29, a paid paramedic with the Bel Air fire company since December 2011, who was also with West Friendship Volunteer Fire Department of Howard County, was hit by a utility vehicle while trying to reach a patient who had been injured in an earlier accident on Tuesday January 6, 2015. The winter weather is being cited as a major factor in his death, according to Rich Gardiner, spokesman for the Harford County Volunteer Fire & EMS Association. Other stories can be found at: <http://www.wbalv.com/news/paramedic-fatally-struck-in-bel-air/30561830> <http://www.abc2news.com/news/breaking-news/bel-air-paramedic-killed-by-utility-truck-while-on-rescue-call> www.FirefighterCloseCalls.com

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Links

The list of links on this page are provided by ResponderSafety.Com to assist you in accessing information about many aspects of roadway response safety and traffic incident management. Clicking these links will transfer you from ResponderSafety.Com to that site. The content of these sites is solely the responsibility of their authors.

To suggest a site to link for inclusion on this page, please [Contact Us](#).

Additional safety and traffic incident management resources can be found in the [Resources](#) section of ResponderSafety.Com.

Agencies and Organizations

[Cumberland Valley Volunteer Firemen's Association](#) CVVFA has provided firefighters and emergency responders with training, leadership, and fraternalism for more than a century.

[Federal Highway Administration Office of Operations](#) The Federal Highway Administration's (FHWA) Office of Operations provides national leadership for the management and operation of the surface transportation system. The office is responsible for FHWA's efforts in the areas of congestion management, Intelligent Transportation Systems (ITS) Deployment*, traffic operations, emergency management, and freight management and operations.

[Fire Corps](#) Fire Corps is one of five partner programs under Citizen Corps, the Federal Emergency Management Agency's grassroots strategy to bring together government and community leaders to involve citizens in all-hazards emergency preparedness and resilience.

[Firefighter Close Calls](#), Home of the Secret List FirefighterCloseCalls.com was an idea born from The Secret List, an independent newsletter produced since 1998 in an effort to bring forward the issues involving injury and death to firefighters.

[Hutt Wairarapa Operational Support](#) A volunteer unit providing support services to the New Zealand Fire Service in the Hutt Valley, Wainuiomata and Wairarapa regions, Wellington, New Zealand.

[I-95 Corridor Coalition](#) A partnership of transportation agencies and related organizations, from Maine to Florida and in Canada, working together to accelerate improvements in transportation across multiple jurisdictions and throughout all modes.

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ResponderSafety.Com Awarded Grant to Launch New Learning Network!

Free Training Modules and Webinars will educate Fire, Police, EMS, DOT, and Towing and Recovery in Safe Operating Practices at Traffic Incidents. [\(more\)](#)



Featured Module



[Advance Warning](#)

This module discusses the concept of advance warning, its benefits, and how to implement a range of advance warning devices. [\(more\)](#)

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Upcoming Programs



[Blocking](#)

This module discusses the concept of blocking, why it is important, how to determine whether linear positioning or block positioning is appropriate at a given incident. [\(more\)](#)



[National Unified Goal for Traffic Incident Management](#)

This module presents the National Unified Goal as the road map for implementing cross-department cooperation and communication. [\(more\)](#)

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Do you own or plan on buying a tablet computer?

- Yes-Apple
- Yes-Android
- No

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In response to user requests, The Responder Safety Learning Network has added a handout for all online programs. ([more](#))

([news archive](#))

Completed Programs



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[See and Be Seen: Emergency Lighting Awareness](#)

This module presents best practices in deploying emergency optical warning devices, called here "emergency lighting." ([more](#))

Available Programs



[Advance Warning](#)

This module discusses the concept of advance warning, its benefits, and how to implement a range of advance warning devices. ([more](#))



[Blocking Procedures at Roadway Incidents](#)

This module discusses the concept of blocking, why it is important, how to determine whether linear positioning or block positioning is appropriate at a given incident. ([more](#))



[High Visibility Innovations](#)

It is widely known that the visibility of responders is a key factor in safe emergency operation on the roadways. ([more](#))



[Intro to Fire Service Traffic Control Professional](#)

This module introduces current and prospective fire service traffic control professionals to the responsibilities of the position. ([more](#))



[Manual on Uniform Traffic Control Devices \(MUTCD\)](#)

This module highlights and explains in plain language the portions of the Manual on

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Secondary Reporting



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What type of Organization do you represent?

- Fire Service
- Law Enforcement
- Towing
- Highway or DOT
- EMS

TIM Committees - Benefits

- Firefighter Safety!
- Safety of all responders
- Safety of victims & motorists
- Quick Clearance
 - Less exposure
 - Less congestion



TIM Committees - Examples

- **Michigan Traffic Incident Management Effort (Mi-TIME)**
- http://www.michigan.gov/msp/0,4643,7-123-64773_41646-305150--,00.html



Your Partnership and Help Are Critical. We need you!



- Seek your agency's support
- Become a leader in the state or regional implementation effort
- Provide training opportunities for your staffs
- Ensure the key people are engaged and informed
- Partner with other agencies in your responder community
- Contact us for more information!

Questions/Comments



For more information, please contact:

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