

# *Welcome!!*

## *Emergency Traffic Control for Emergency Responders Training Course*



# Course Objectives

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- ◆ To present a **basic overview** of emergency traffic control (ETC) standards and guidelines for emergency responders
- ◆ To provide information to make traffic incident areas **safer** for emergency management personnel, motorists, pedestrians and bicyclists

# *Course Schedule*

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## **4 + HOURS**

1. Introduction
2. Standards and Guidelines
3. The Basics of "Major" Incidents
4. "Intermediate" and "Minor" Incidents
5. Flagging Operations
6. Typical Applications
7. Closing

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# 1

## *Introduction*

# *Module Objectives*

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- ◆ Define terms
- ◆ Describe why emergency traffic control (ETC) is important for emergency responders (ER)
- ◆ Discuss typical responsibilities of police, fire rescue and towing personnel

# *What is Emergency Traffic Control for ER?*

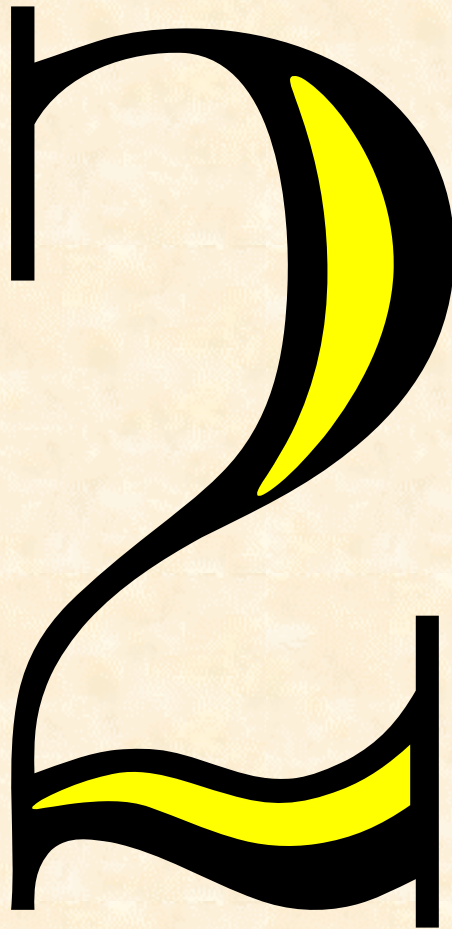
- ◆ Controlling traffic temporarily, close or around an incident or emergency scene
- ◆ Proper ETC procedures can:
  - ◆ Improve safety
  - ◆ Reduce delays
  - ◆ Minimize secondary crashes



# ***A "Reasonable" Attempt May Involve Simple Things:***

- ◆ Positioning your vehicles correctly
- ◆ Providing advance warning to motorists
- ◆ Standing in the safest place
- ◆ Paying attention to traffic
- ◆ Being visible

***Your actions may save lives,  
including your own!***



***ETC  
Standards  
and  
Guidelines  
for  
Emergency  
Responders***

# *Module Objectives*

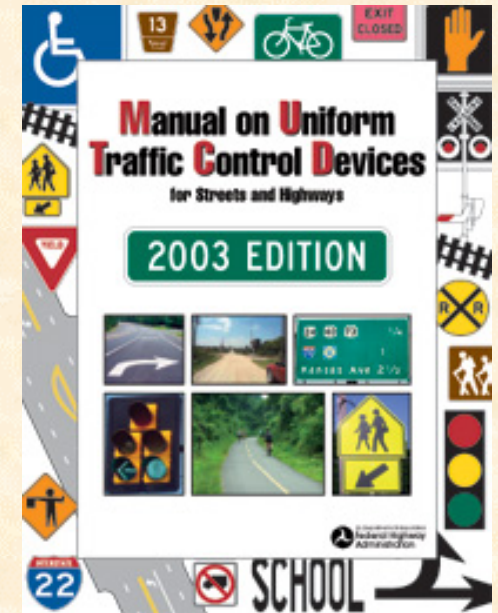
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- ◆ Discuss the importance of standards
- ◆ Discuss Federal ETC standards and their legal requirements
- ◆ Discuss NFPA guidelines
- ◆ Discuss their relationship to local standards

# *Manual on Uniform Traffic Control Devices*

- ◆ 2003 Edition contains chapter 6I, dedicated to **Control of Traffic Through Traffic Incident Management Areas**



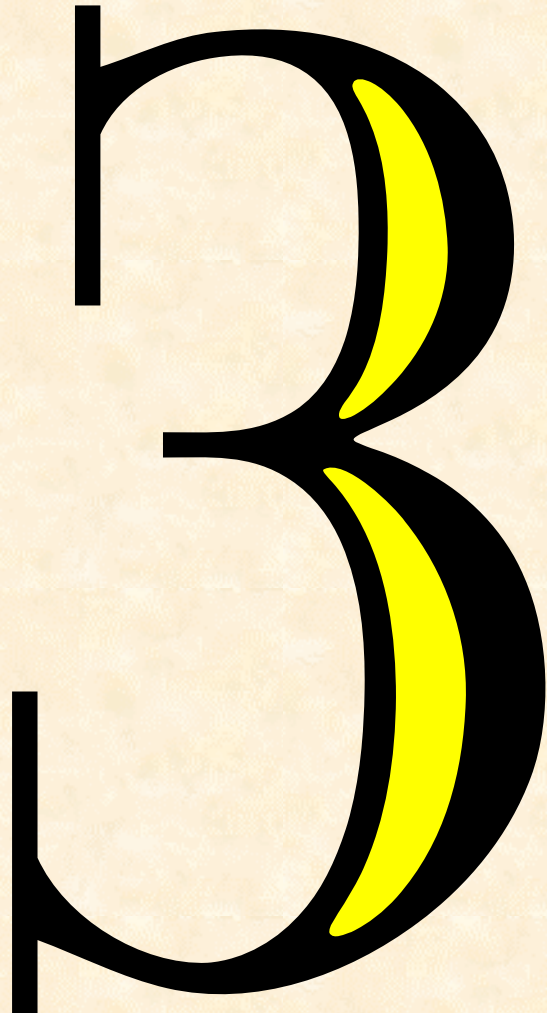
*First time the MUTCD addresses  
ETC for ER directly!*

# **61 General OPTION:**

## **5. Sign Color**

- ◆ *Warning and guide signs used for traffic incident management situations **may** have a black legend and border on a **fluorescent pink** background .*





***The Basics of  
“Major”  
Incidents***

# *Module Objectives*

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- ◆ Discuss “Major Incident” concepts and terminology
- ◆ Discuss applicability to “major” (>24 hrs) ETC

# *Types of Incidents and Their Characteristics*

Type	Duration	Example	Typical TTC	Module
Major	> 2 hrs	Chemical spill	Full MUTCD if >24 hrs	This one
Intermediate	30 min to 2 hrs	Crash w/ injuries	Lane(s) closure	4
Minor	< 30 min	Stalled car	Initial response devices	4

# *What is a “Traffic Incident Management Area (TIMA)”?*

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*“An area of a highway where temporary traffic controls are imposed by authorized officials in response to a road user incident, natural disaster, hazardous material spill, or other unplanned incident.”*

*MUTCD Chapter 6I*

4

*“Intermediate  
” &  
“Minor”  
Incidents*

# *Module Objectives*

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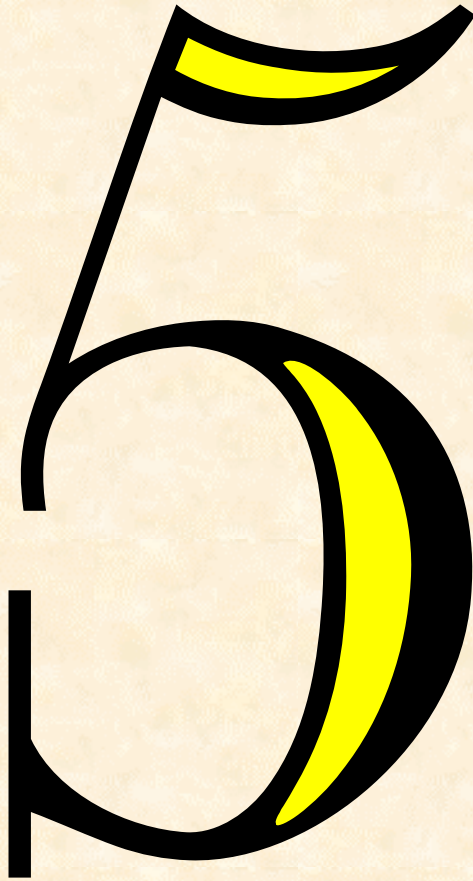
- ◆ Discuss the new ETC guidelines introduced in the 2003 MUTCD for “intermediate” and “minor” incidents
- ◆ Discuss MUTCD guidelines for the use of emergency vehicle lighting

# *Intermediate and Minor Incidents*

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- ◆ Represent the **vast majority** of incidents
- ◆ TTC may involve *“simplified procedures”* but the same basic principles
- ◆ The short duration of these incidents should not be an excuse to disregard proper TTC procedures



# *Flagging Operations*

# *Module Objectives*

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- ◆ Discuss flagger qualifications
- ◆ Discuss emergency flagging procedures
- ◆ Discuss proper flagging equipment

# *Class 3 Apparel*

- ◆ **Recommended** for nighttime “workers” working within the highway’s right-of-way
- ◆ Including first responders!



ANSI 107-2004  
requires sleeves  
for Class 3 apparel

# *High-Visibility Apparel*

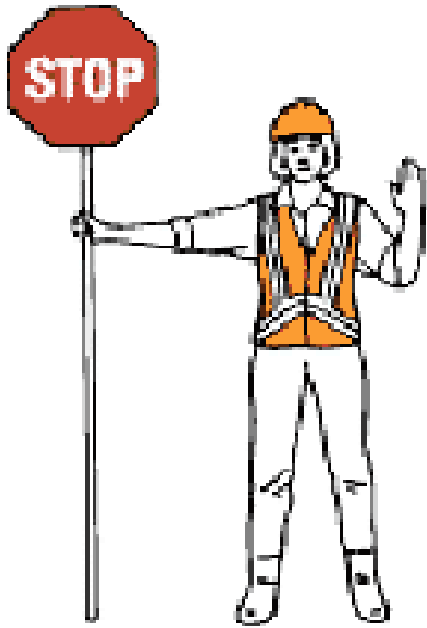


Your visibility is your life!

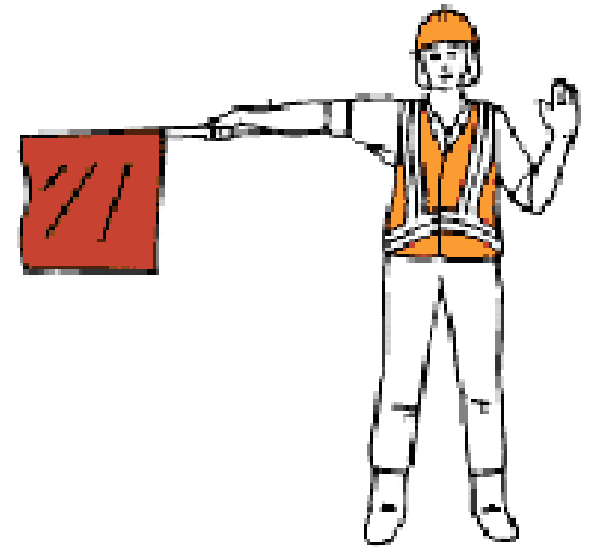
# SAFE? VISIBLE?



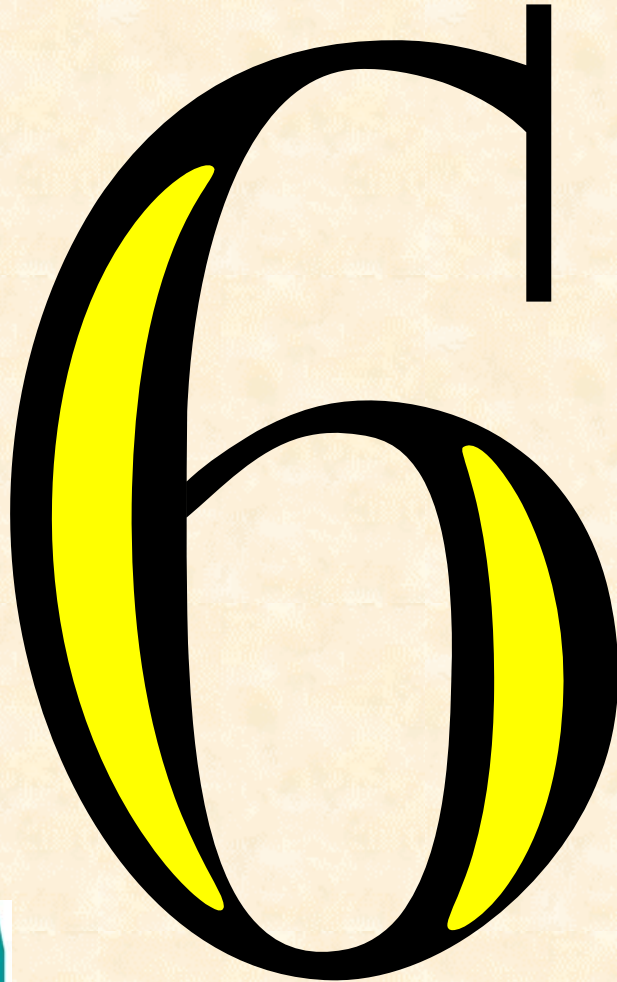
# *Basic Flagging Techniques TO STOP TRAFFIC*



Preferred



Emergencies



# *Typical Applications*

# *Typical Applications*

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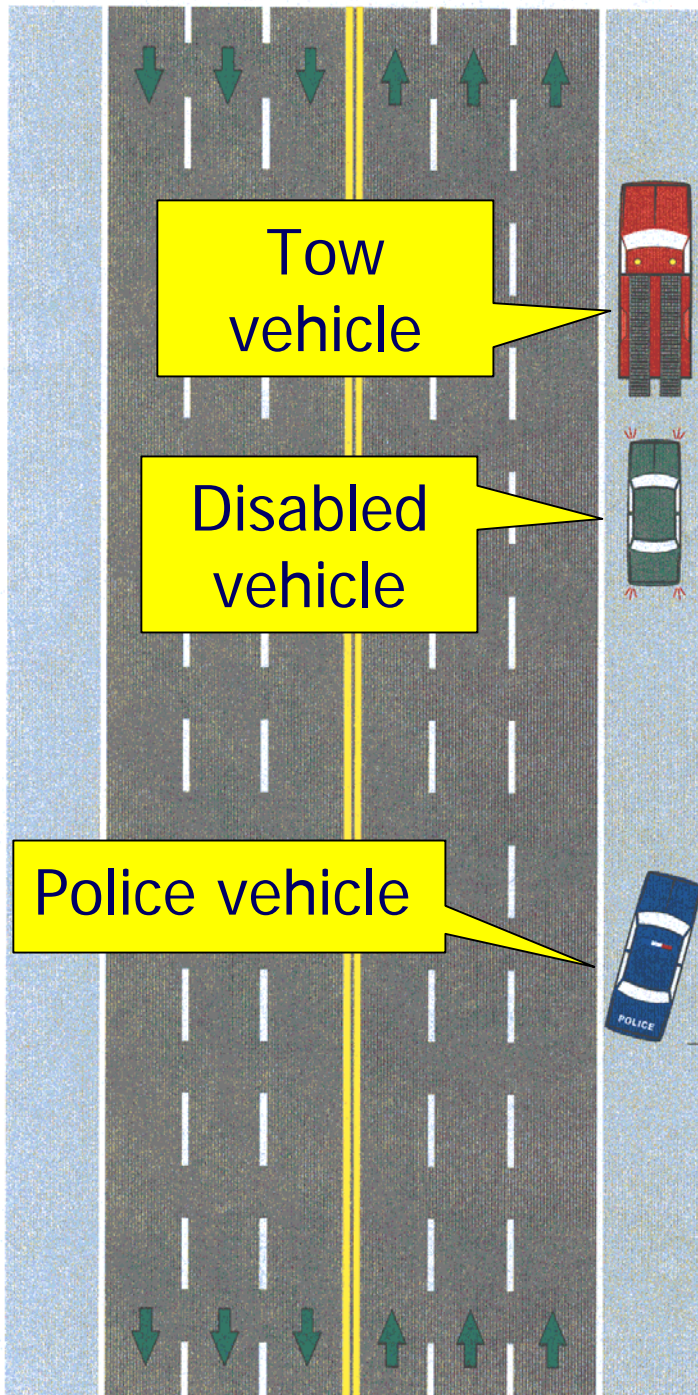
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- ◆ Provide examples of the application of ETC procedures
- ◆ Subject to modifications, adjustments and enhancements
- ◆ MUTCD includes several
- ◆ **The following examples ARE NOT included in the MUTCD**
- ◆ They are recommendations from an ATSSA task-force

# *TA-1. Disabled Vehicle on Shoulder*

- ◆ Minor incident on high-speed roadway

50' MAX



Tow vehicle

Disabled vehicle

Police vehicle