
Continuing Education For the Fire Fighter



Firefighter Safety and Health Module 2

Chapter 2



LEARNING OBJECTIVES

Explain general guidelines for tool and equipment safety.

State the practices a Firefighter I uses for emergency scene preparedness and safety.

Describe ways to maintain safety in training.

Summarize general guidelines for scene management including highway incidents, crowd control, and cordoning off emergency scenes.



ALABAMA FIRE COLLEGE



LEARNING OBJECTIVES

Explain the importance of personnel accountability.

Wearing appropriate PPE, including reflective vest, demonstrate scene management at roadway incidents using traffic and scene control devices.

Respond to an incident, correctly mounting and dismounting an apparatus.



ALABAMA FIRE COLLEGE



APPARATUS AND VEHICLE SAFETY BEGINS WITH AWARENESS AND RESPONSIBILITY

Causes of Collisions

Improper backing
Excessive speed
Lack of driving skill/experience
Reckless driving
Poor design or maintenance

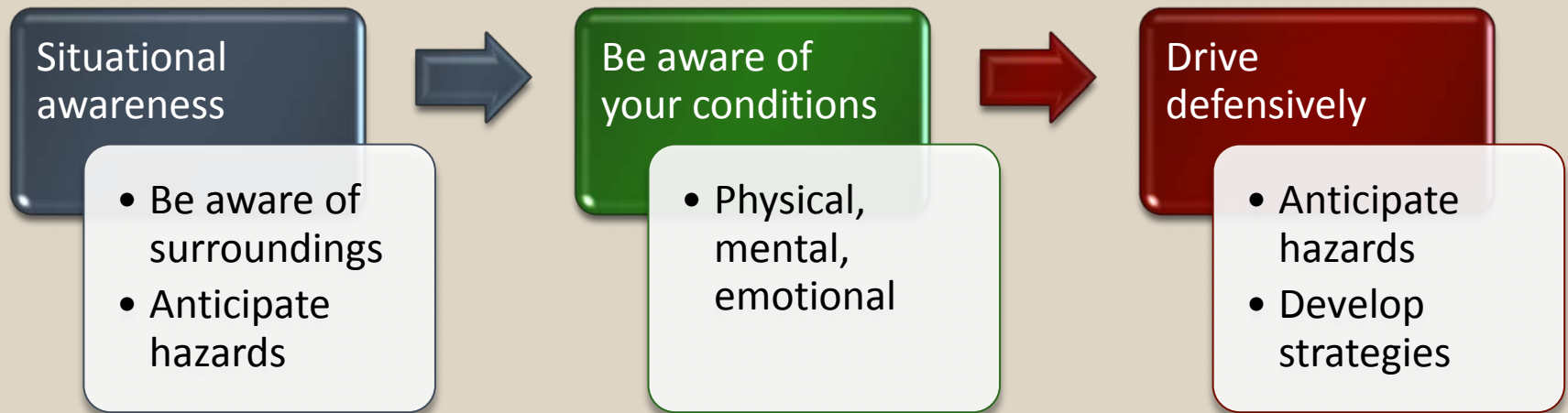
Follow speed limits
Proper backing
Be aware
Proper maintenance
Wear seat belts
Restrict cell phone use

Responsibilities



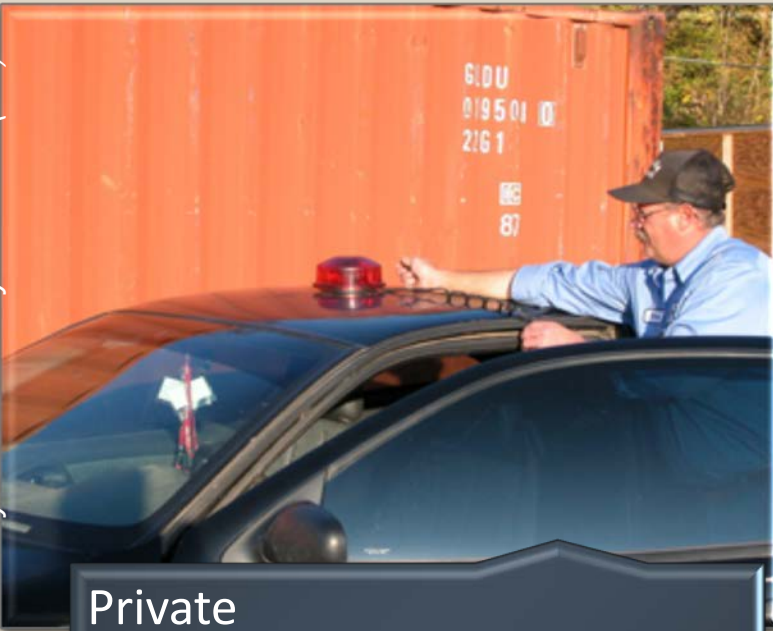
ALABAMA FIRE COLLEGE

SAFE VEHICLE OPERATION REQUIRES SITUATIONAL AWARENESS



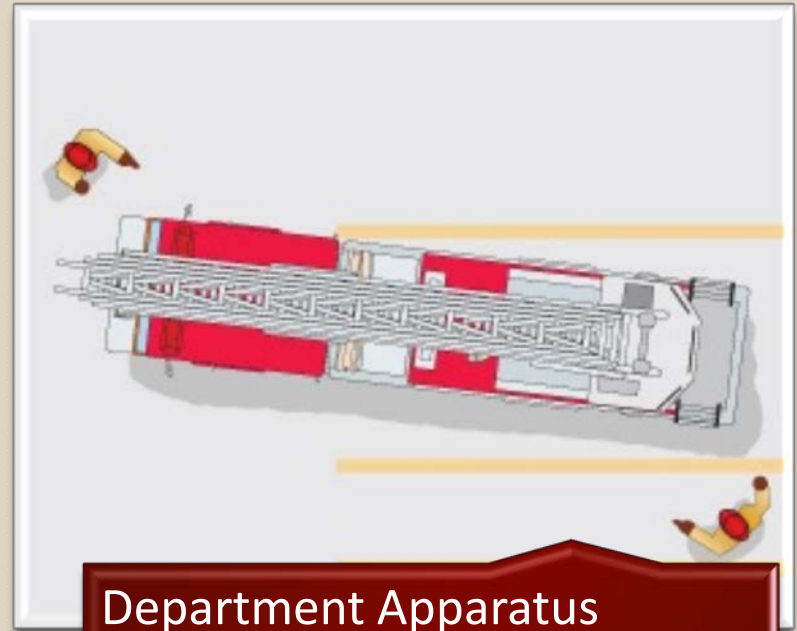
YOU SHOULD KNOW THE RULES THAT GOVERN THE VEHICLES YOU RESPOND IN

Courtesy of Mike Mallory and Tulsa (OK) FD



Private

- Know your local laws



Department Apparatus

- Understand unique characteristics
- Know weight limits

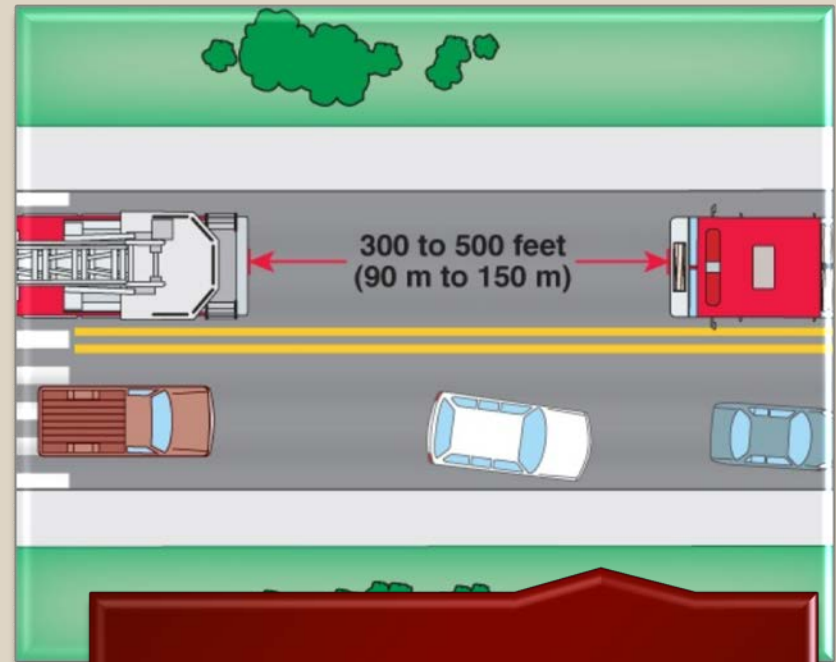


ALABAMA FIRE COLLEGE

YOU MUST REMEMBER AND USE SAFETY RULES DURING EMERGENCY RESPONSES



Before leaving
station



While in route



ALABAMA FIRE COLLEGE

NONEMERGENCY OPERATIONS REQUIRE YOU TO FOLLOW SAFETY GUIDELINES ALSO

Defensive
driving



Do not ride on
exterior



Avoid/combat
skids

Courtesy of Pat McAuliffe

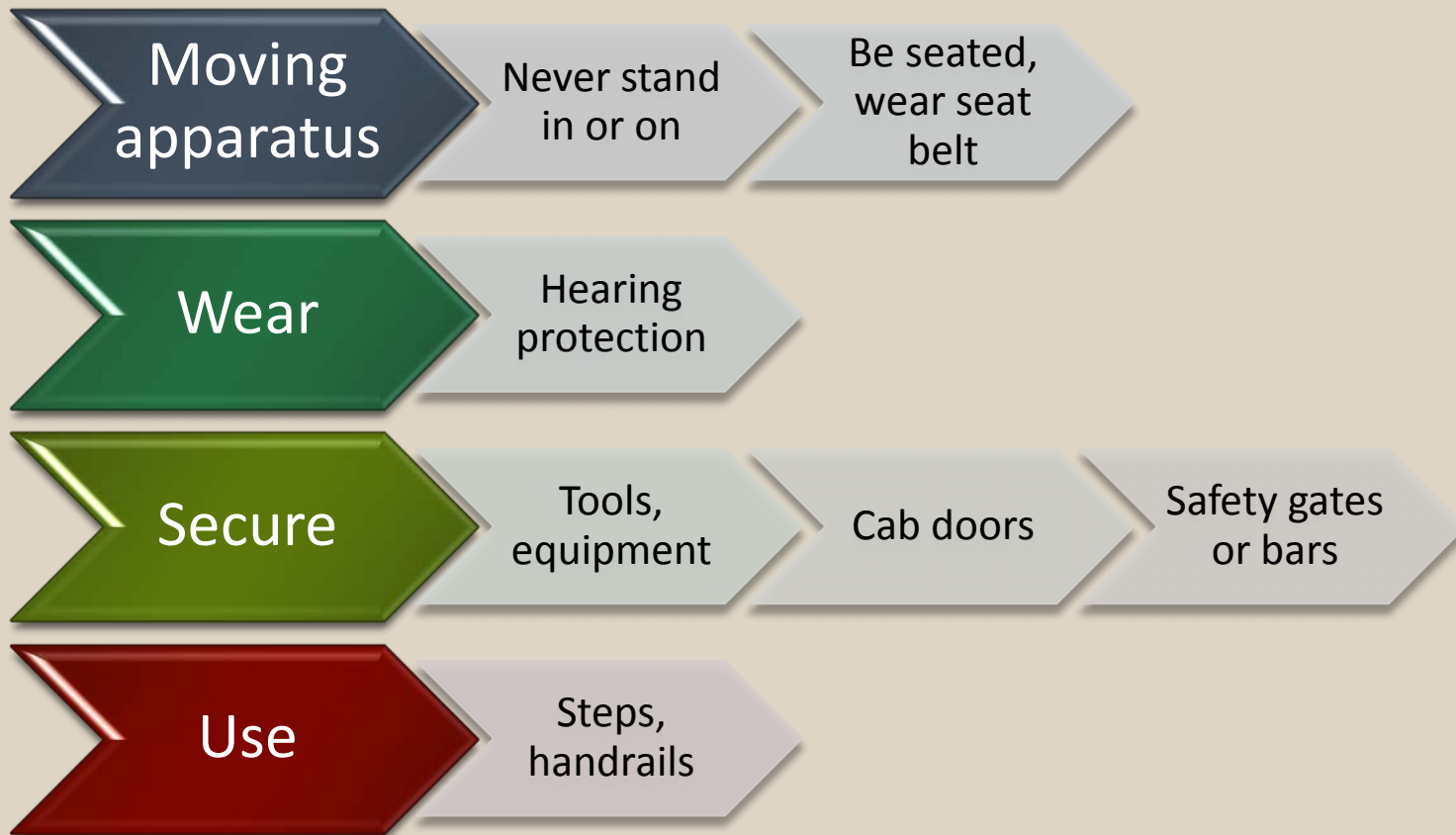


Always use spotter when
backing



ALABAMA FIRE COLLEGE

YOU MUST FOLLOW SPECIFIC GUIDELINES FOR SAFETY ON THE APPARATUS



ALABAMA FIRE COLLEGE

YOU SHOULD ALWAYS FOLLOW SAFETY PROCEDURES WHEN USING TOOLS

Unpowered

- Most common type

Power

- Can be life-threatening if used improperly



BOTH UNPOWERED AND POWER TOOLS REQUIRE YOU TO FOLLOW SAFETY RULES

Wear PPE

Remove loose
clothing, keep
hair clear

Remove
jewelry

Select
appropriate
tool

Follow
manufacturer's
instructions

Inspect tools
before use



ALABAMA FIRE COLLEGE

BOTH UNPOWERED AND POWER TOOLS REQUIRE YOU TO FOLLOW SAFETY RULES

Do not use badly
worn, broken tools

Provide adequate
storage space,
return after use

Inspect, clean, put
all tools in ready
state before storing

Get manufacturer
approval before
modifying

Use intrinsically safe
tools in potentially
flammable
atmospheres

Do not remove
safety shields or
compromise safety
devices



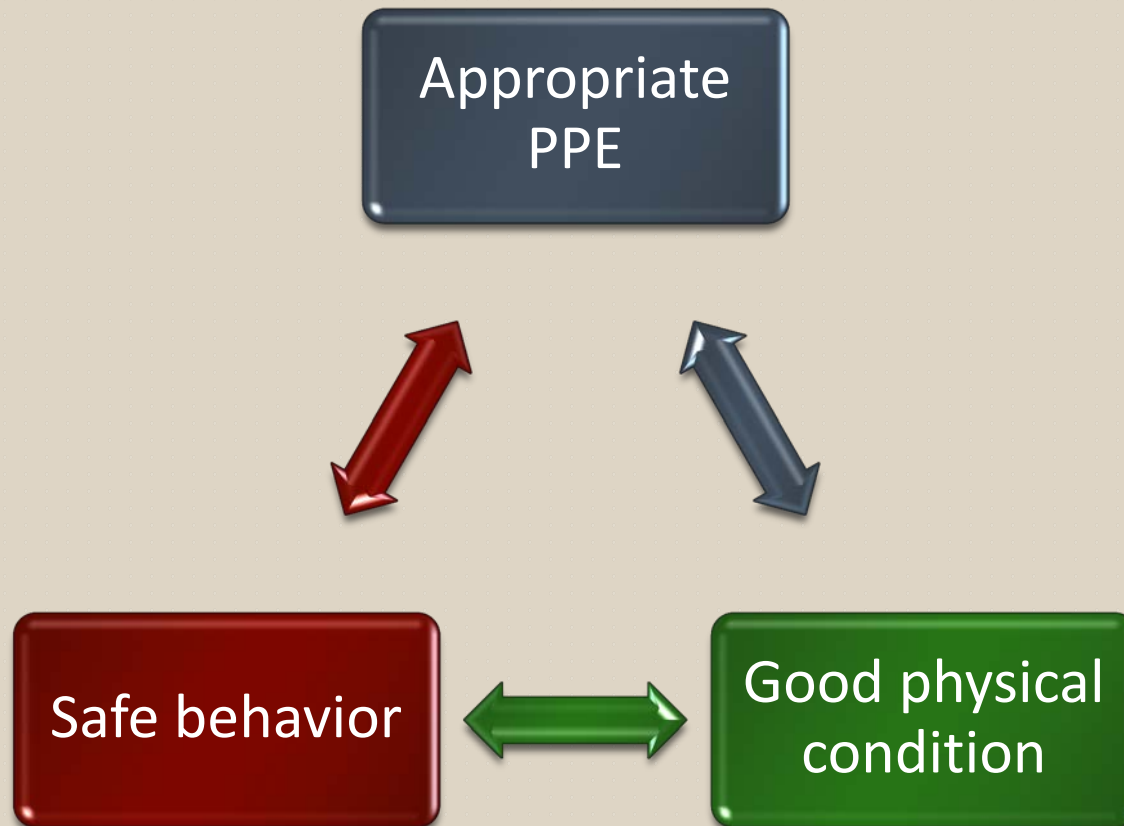
ALABAMA FIRE COLLEGE

FOLLOW SAFETY RULES TO PREVENT ACCIDENTS WHEN USING POWER SAWS



ALABAMA FIRE COLLEGE

PERSONNEL SAFETY IS ONE ASPECT OF MAINTAINING SAFE TRAINING PRACTICES



ALABAMA FIRE COLLEGE

LIVE FIRE TRAINING REQUIRES SAFETY GUIDELINES ESTABLISHED IN NFPA® 1403



Burn building



Acquired structure



ALABAMA FIRE COLLEGE

MAINTAINING AND SERVICING EQUIPMENT IS AN IMPORTANT PART OF TRAINING SAFETY



Inspect and clean tools

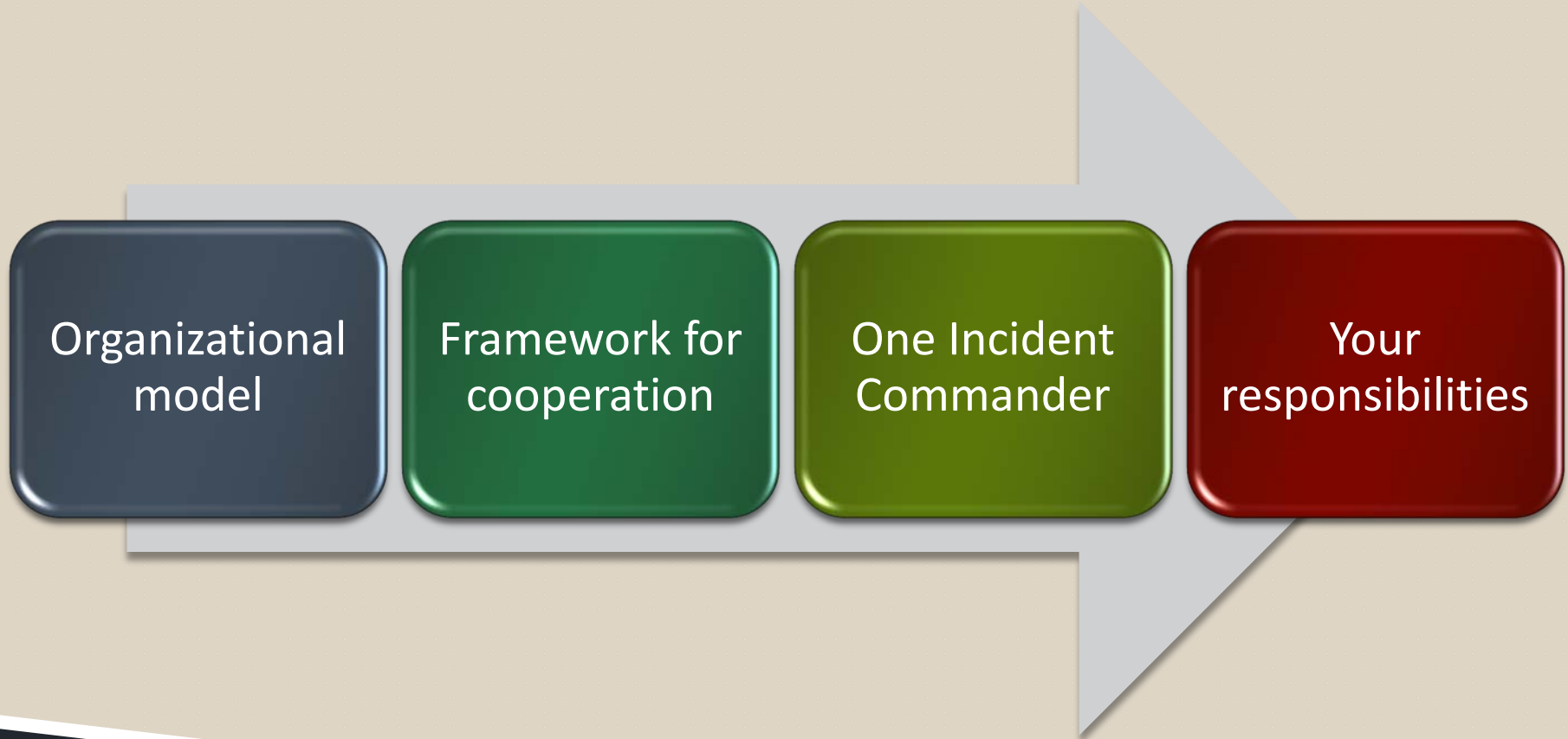


Clean and disinfect equipment



ALABAMA FIRE COLLEGE

THE NIMS-ICS SYSTEM PROVIDES A FRAMEWORK FOR JURISDICTIONAL COOPERATION



PREPAREDNESS IS ALSO AN IMPORTANT ASPECT OF FIREFIGHTER SAFETY



ALABAMA FIRE COLLEGE

EMERGENCY SCENE SAFETY REQUIRES FOLLOWING SOME FUNDAMENTAL RULES

Rules

Situational
awareness

Basic
structural
techniques



ALABAMA FIRE COLLEGE

SAFETY AT ROADWAY INCIDENTS HINGES ON PERSONNEL AND APPARATUS VISIBILITY



High-visibility
vests

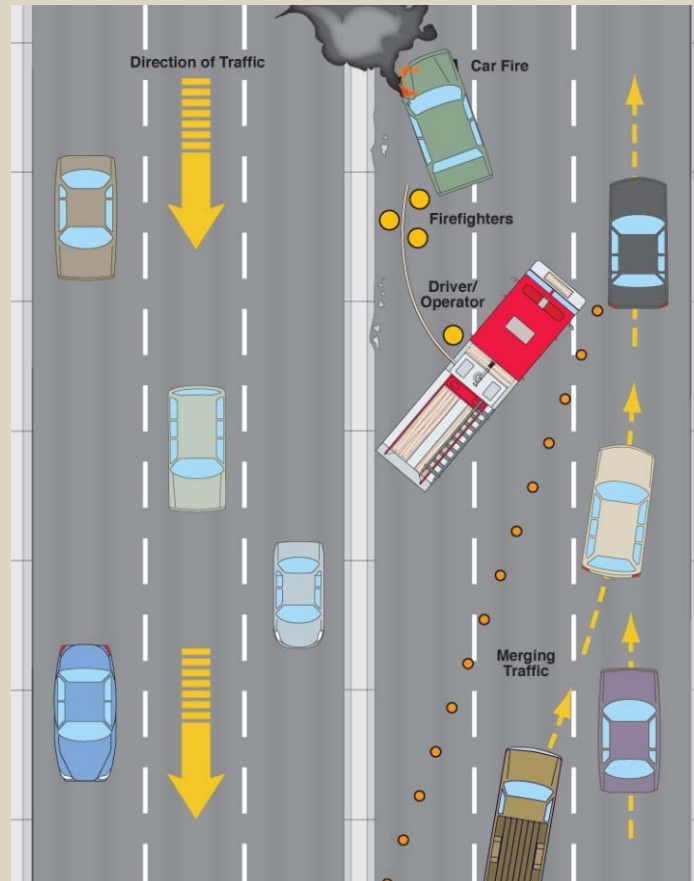


Apparatus,
scene lighting



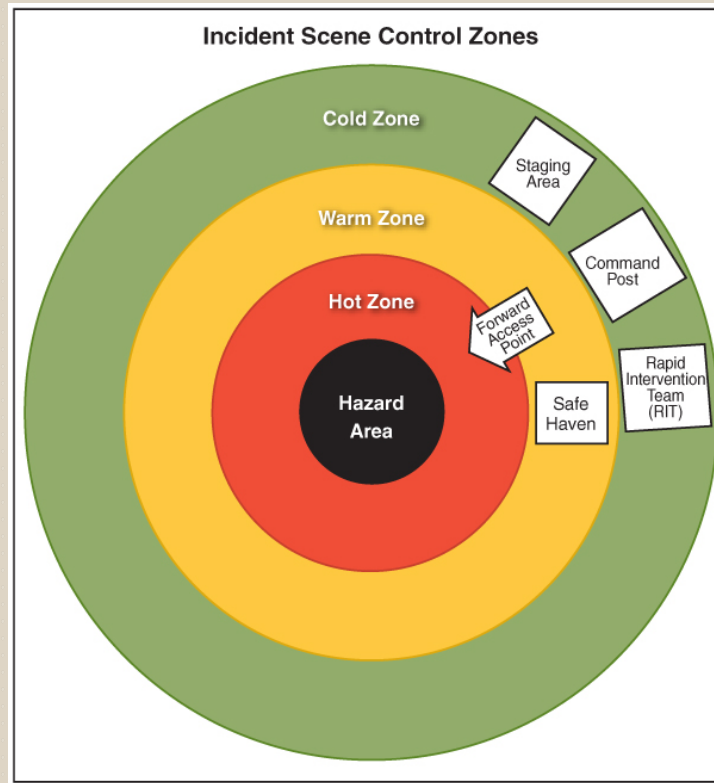
ALABAMA FIRE COLLEGE

PERSONNEL SHOULD WORK IN A PROTECTED WORK AREA AT ROADWAY INCIDENTS



ALABAMA FIRE COLLEGE

SCENE MANAGEMENT USES CONTROL ZONES TO PROTECT RESPONDERS AND OTHERS ON-SCENE



A COLLAPSE ZONE MAY ALSO NEED TO BE CREATED
FOR THE SAFETY OF THOSE ON-SCENE



ALABAMA FIRE COLLEGE

PERSONNEL ACCOUNTABILITY SYSTEMS HELP SAVE LIVES AND PREVENT INJURIES



Passport
system

SCBA tag
system

Electronic
system

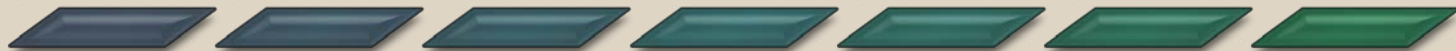


ALABAMA FIRE COLLEGE



SUMMARY

Safety is essential to your mission of protecting the public.



Protect yourself by relying on situational awareness, wearing required PPE, following orders, and following departmental safety policies and procedures.



Take responsibility for your own safety – you cannot protect the community unless you first protect yourself.

