ON-SITE AND CORRIDOR-WIDE TRAFFIC MANAGEMENT

NHI Course 133048
Managing Traffic Incidents and Roadway Emergencies
Module 13

On-site and Corridor-wide Traffic Management
Learning Objectives

- List 3 techniques to achieve proper deployment of agency equipment at roadway incidents
- Outline the benefits of Positive Traffic Control
- Describe the purpose of the 15-Minute Rule
Defining Site and Corridor-Wide Management

Coordination and Management of resources and activities at or near the incident scene, including personnel, equipment, communication links; and controlling the traffic flow approaching and leaving the area.
Some Key Issues with On-Site/Corridor Management

- Concern for incident impact on traffic
- Who’s in-charge of what? Command Post?
- Too many or too few resources
- Excessive duration time
- Vehicle and debris relocation
- Emergency vehicle parking and lighting
Key Issues - (cont'd)

- Ingress and Egress routes adequate
- Appropriate agency involvement
- Radio communications
- Motorist information
- Traffic diversion
Lane Blockage Effect on Traffic Capacity

Traffic Capacity

With:
- 1 Lane Blocked
- 2 Lanes Blocked
- 3 Lanes Blocked
Objectives of Improved Site Management

- Effectively coordinate activities of multiple agencies
- Improve inter and intra-agency communications
- Maximize the use of personnel and resources
- Improve safety of motorists and responders
Assessment Strategy

- Severity
- Diversion Routes
- Responding agencies
- Resources
Communication Strategy

Establish Command Post

- All agencies should be represented
- Coordination center for operations
Site Arrangement Strategies

**Staging Areas**
- Holding area for additional resources
- Should be close but out of the way

**Parking at the Scene**
- Linear
- Protect scene but use least amount of road necessary
Equipment Strategies

**Emergency Lights**
- Less is better much of the time
- Too many can be confusing
- Can impair night vision

Use **Reflective Clothing** such as:
- Vests
- Coats
- Gloves
Control Strategies

Traffic Control

- Adequate signing, coning, flares, etc.
- Proper transition method

Positive Traffic Control - ABC’s

- Proper reflective clothing and gloves should be worn when directing traffic manually
- Flaggers should wear white or orange gloves
- Right-Out technique
- All responders should be able to perform
Expedite Strategies

15 - Minute Rule

- Assess the need for scene upgrades
- Continuous process until clear
- Give back as much scene to traffic as possible
Team Effort Strategies

Radio Communications
- Common frequency for all responders
- Compatible systems

Quick-Clearance policy
- Policy to quickly clear scene
- Use push/pull techniques to relocate
- Use state-of-the-art investigation techniques
Information Strategies

Motorist Information

- “50/1 Rule”
- Use media
- Advance warning

Traffic Diversion

- Used to re-route traffic around scene
- Should be clearly marked
- Must bring traffic back to original highway
Improper Handling of an Incident Scene
REMEMBER !!

YOU MANAGE THE SCENE

OR

IT WILL MANAGE YOU!
Video Presentation

[This slide does not display; it acts as a place holder while the video is introduced and shown.]
Review Learning Objectives

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