Public Works and Emergency Management

➢ It is often likely that in an emergency, “the first and last man there will be Public Works; first with barricades, heavy equipment, lights, and last with debris removal.”

—Paul Brum, Oklahoma City Public Works Director
Public Works Agencies are...

- Charged with the protection of our public infrastructure and facilities, the role of Public Works is more critical now than any other time in the history of the United States.

- Key players in protecting lives and preventing the loss of property from disasters, reducing human suffering and enhancing the recovery of communities after disaster strikes.
The primary mission of the DPW is to preserve and assure the maximum use of the existing infrastructure, public buildings, vehicles, equipment and public properties.”
A secondary mission is to support other agencies and departments with personnel, equipment, materials and supplies not otherwise committed to higher priority activities.
Earthquake – Plattsburgh, New York April 20, 2002
Landslide – Bethlehem, New York May 16, 2000
Winter Storm – Anywhere, New York State – Every Year
Preparedness

- Public Works agencies share the responsibility equally with others in this phase.

  Complete a community vulnerabilities assessment

- Locate and establish regional available resources listings

- Understanding the role during various disasters

  Establish a specialized team of public works responders
In this phase, Public Works agencies are typically a primary supporter of other responders, however many of these response activities lead directly to the recovery phase.

- Traffic management
- Heavy search and rescue
- Debris clearance
- Damage assessment
- Incident perimeter control
- Lifeline restoration services
- Lifeline stabilization
- Structural inspection services
Public Works Roles During Emergency Management Operations

Regional sharing of resources

Solid preventive maintenance programs during the height of any major event

Joint public / private relationships (equipment resources)

After a major event, be prepared to address a shorter vehicle life cycle
Recovery

➢ Public Works agencies hold a primary responsibility for the majority of activities in this phase – many of which are a continuation of response activities.

Debris clearance

Damage assessment

Lifeline restoration services

Structural inspection services
All Activities Need to Be Accomplished While...

Maintaining a level of service to non-incident involved areas of the community
Local Highway Departments

Before an event:
- Prioritize highways/roads for re-opening
- Participate in Planning/Preparedness activities

After an event:
- Deploy all resources
- When necessary, submit mission request(s) to County EOC
State of New York

National Incident Management System
(NIMS)

Implementation Overview

Developed by the

State Preparedness Steering Committee

Under the Auspices of

Governor George E. Pataki
The National Incident Management System

- What is NIMS?
- Why NIMS?
- Federal Compliance Requirements:
  - Local Requirements
- NYS Strategy Implementation Overview
- NIMS Resources
Directed the development of the National Incident Management System and the National Response Plan…
National Incident Management System (NIMS)

...a consistent nationwide approach for federal, state, tribal, and local governments to work effectively and efficiently together to prepare for and respond to all hazards, including acts of terrorism.
National Response Plan (NRP)

… built on the template of the National Incident Management System. It provides the structure and mechanisms for coordinating federal support to state, local and tribal incident managers.…

… for exercising direct federal authorities and responsibilities, and

Incidents of National Significance.
What is NIMS?

  NIMS and the NRP – February, 2003
- Directs a comprehensive, national approach to incident management
- Federal, state, territorial, and local first responder agencies required to support NIMS
- NIMS Compliance a requirement by Sept. 30, 2006 for FFY 07 funding
- Federal Preparedness Programs
  - List on Handout
- Six major components to NIMS
NI MS Components

- Command & Management
- Preparedness
- Resource Management
- Communications and Information Management
- Supporting Technologies
- Ongoing Management and Maintenance
COMMAND AND MANAGEMENT

- Incident Command System
- Multiagency Coordination System
- Public Information System
PREPAREDNESS

- Planning
- Training and Exercises
- Standards and Certification
- Mutual Aid
- Information and Publications
RESOURCE MANAGEMENT

- Identify and type resources
- Certify and credential personnel
- Inventory, acquire, mobilize, track and recover
Components (Cont.)

- Communications and Information Management
- Supporting Technologies
- Ongoing NIMS Management
FY06 Federal Compliance Requirements for Locals

- Adopt NI MS
  - Executive Order, Proclamation or Legislation

- Use of ICS
  - Plans, Response and Exercises

- Coordinate & Support use of MACS

- Implement Public Information System

- Establish NI MS Baseline using NI MCAST
The NIMCAST is a web-based self-assessment tool designed to aid state, local, and tribal organizations and jurisdictions in determining their capabilities and compliance against the requirements established in the National Incident Management System.

It allows users to assess the current status/level of their respective jurisdiction's or organization's incident preparedness against the requirements outlined in the NIMS.

NIMCAST:  www.fema.gov/nimcast/index.jsp
FY06 Federal Compliance Requirements for Locals

- Develop a system to coordinate all federal preparedness funding to implement NIMS
- Revise/Update Plans to incorporate NIMS
- Participate in and promote Mutual Aid
- Appropriate personnel: Complete IS-700, IS-800, ICS-100 & ICS-200
- Incorporate NIMS into Training & Exercises
- Participate in an All-Hazards Exercise Program based on NIMS that involves a multi-disciplined – multi-jurisdictional approach.
<table>
<thead>
<tr>
<th>Audience</th>
<th>Required Training</th>
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| Federal/State/Local/Tribal/Private Sector & Non-governmental personnel to include: Entry level first responders & disaster workers  | o FEMA IS-700: NIMS, An Introduction  
| 1. Emergency Medical Service personnel               | o FEMA IS-700: NIMS, An Introduction  
| 2. Firefighters                                           | o ICS-100: Introduction to ICS or equivalent  
| 3. Hospital staff                                         | o ICS-100: Introduction to ICS or equivalent  
| 4. Law Enforcement personnel                                   | o ICS-200: Basic ICS or equivalent  
| 5. Public Health personnel                                     | o ICS-200: Basic ICS or equivalent  
| 6. Public Works/Utility personnel                               | o ICS-200: Basic ICS or equivalent  
| 7. Skilled Support Personnel                                    | o ICS-200: Basic ICS or equivalent  
| 8. Other emergency management response, support, volunteer personnel at all levels | o ICS-200: Basic ICS or equivalent  
| Federal/State/Local/Tribal/Private Sector & Non-governmental personnel to include: First line supervisors, single resource leaders, field supervisors and other emergency management/response personnel that require a higher level of ICS/NIMS Training. | o FEMA IS-700: NIMS, An Introduction  
| Federal/State/Local/Tribal/Private Sector & Non-governmental personnel to include: Middle management including strike team leaders, task force leaders, unit leaders, division/group supervisors, branch directors and multi-agency coordination system/emergency operations center staff. | o FEMA IS-700: NIMS, An Introduction FEMA IS-800: National Response Plan (NRP), An Introduction*  
| Federal/State/Local/Tribal/Private Sector & Non-governmental personnel to include: Command and general staff, select department heads with multi-agency coordination system responsibilities, area commanders, emergency managers and multi-agency coordination system/emergency operations center managers. | o FEMA IS-700: NIMS, An Introduction  
|                                                                 | o FEMA IS-800: National Response Plan (NRP), An Introduction*  
|                                                                 | o ICS-100: Introduction to ICS or equivalent  
|                                                                 | o ICS-200: Basic ICS or equivalent  
|                                                                 | o ICS-300: Intermediate ICS or equivalent (FY07 Requirement)  
|                                                                 | o ICS-400: Advanced ICS or equivalent (FY07 Requirement)  

As outlined by the NIMS Integration Center October 2005, [www.fema.gov/nims](http://www.fema.gov/nims).
FY06 Federal Compliance
Requirements for Locals

- Incorporate corrective actions into response plans and procedures
- Inventory community response assets to conform to HS resource typing standards
  www.fema.gov/emergency/nims/mutual_aid.shtm
- To extent permissible by law ensure relevant national standards to achieve equipment, communication and data interoperability are incorporated into local acquisition programs
- Use of standard, consistent, “Plain English” terminology
NYS
Implementation Strategy

- Developed collaboratively by the State Preparedness Steering Committee:
  - Office of Homeland Security
  - State Emergency Management Office
  - Division of State Police
  - Division of Criminal Justice Services
  - Office of Fire Prevention and Control
  - Department of Health
New York State
NI MS Implementation Strategy

- Counties will be asked to certify NI MS compliance to NYS
- Three Progress Review Periods:
  - March 31, 2006
  - June 30, 2006
  - September 15, 2006 (Final Review)
- Checklist
  - NI MS Certification by County Leadership
    Due to NYS Office of Homeland Security on or before September 15, 2006
Progress Review Period I: 03/31/06
- Adopt NI MS
- Establish NI MCAST Baseline
- Initial staff training, including completion of FEMA’s IS training and ICS courses.
- Identify plans, policies and procedures to be updated for NI MS compliance
New York State Strategy
(cont)

- Progress Review Period II: 06/30/06
  - Update plans, policies, procedures incorporating NIMS
  - Complete any required trainings
  - Address deficiencies noted in the NIMCAST
  - Exercise participation – all hazards, multi-jurisdictional, multi-discipline
New York State Strategy (cont)

- Progress Review Period III: Final 09/15/06
  - Resource Typing
  - Credentialing
  - Certifying personnel & equipment (standards currently in development)
  - Review of all previous requirements
  - Seek NIMS Compliance certification by County Leadership
New York State
NI MS Information Center

NYS Office of Homeland Security NI MS Information Center:
  - Phone: 1-866-837-9133
    ■ Tom Creamer – NYS NI MS Point of Contact (POC)
    ■ Elaine Arnold – NYS OHS NI MS Information Coordinator
    - Guidance/Questions can be directed to NYS OHS

NYS OHS NI MS Information Center:
  http://www.security.state.ny.us/training/index.html

Training Guidance:
  www.security.state.ny.us/training/training_calendar.html

E-mail questions: NI MS@security.state.ny.us
New York State
Support/ NI MS Resources

- **SEMO - Training Guidance /Assistance:**
  
  [http://www.nysemo.state.ny.us/TRAINING/semotraining.asp](http://www.nysemo.state.ny.us/TRAINING/semotraining.asp)

  Training: IS-700, IS-800, ICS-100, ICS-200:
  
  [http://www.nysemo.state.ny.us/TRAINING/semotraining.asp](http://www.nysemo.state.ny.us/TRAINING/semotraining.asp)

- **NIMS Integration Center (NIC):**
  
  [www.fema.gov/nims/](http://www.fema.gov/nims/)

- **NI MCAST Access:**
  
  [www.fema.gov/nimcast/index.jsp](http://www.fema.gov/nimcast/index.jsp)