Delaware’s Transportation Management Program
Operations  Incident and Event Management  Homeland Security

Delaware Department of Transportation
Transportation Management Center
DelTrac is the Delaware Department of Transportation’s transportation management program.
• Transportation Mgmt Center (TMC) – The Heart of DelTrac
  – Monitors and coordinates the management of the transportation system
  – Coordinates DelDOT’s response to incidents and events
  – Houses system hardware, software, telecomm, and personnel
  – Operational 24 hours/day, 365 days/year
– The TMC is part of the Statewide Emergency Operations Center
– The State EOC includes:
  • Delaware Emergency Management Agency
  • Delaware State Police
  • Delaware Department of Transportation
Technology

Intelligent Transportation Systems
Control Systems

• Computerized Traffic Signal System
• Transit Schedule Adherence/AVL System
• Gate Control Monitoring
• Variable Speed Limit Sign System
• Incident/Event Management System
• Transit Priority Treatment System
• Electronic Lane Use Sign System
Monitoring Systems

- Video Monitoring System
- Electronic Detection System
- Aerial Monitoring
- Motorist Assistance Patrol
- #77 Cellular Reporting Service
- Weather/Flood/Road Surface Monitoring System
- Electronic Toll Collection – EZ-Pass
- Electronic Payment System
- Interface to Police/Fire Computer Aided Dispatch
- Electronic Red Light Enforcement

- Draw Bridge Monitoring
Information Systems

- Travelers Advisory Radio System
- Dynamic Message Sign System
- Real-time Web Site
- Kiosks
- Telephone Information System
- Automated Commercial Vehicle Operations
- Transportation Channel on Cable TV
Telecommunication Systems

- Fiber Optics
- Wireless
- 800 MHz NextGen Project
- CDMA – Signals
- 220 MHz
- New Telcom Plan
• TMC Section is responsible for:
  – Daily Transportation Management Operations
  – Incident and Event Planning and Management
  – Transportation Homeland Security Planning and Management
The Delaware Department of Transportation’s Transportation Management Center’s (TMC) Role in Operations, Incident and Event Management and Homeland Security
Transportation Incident and Event Management

• The TMC coordinates the planning and management of DelDOT’s response to daily incidents and events to include:
  – Accidents
  – Disabled vehicles
  – Debris in roadway
  – Construction
    • Planned
    • Emergency
  – Traffic signal complaints
  – Missing or damaged signs
  – Traffic operation complaints
  – Detours
  – Etc.
Transportation Incident and Event Management

- The TMC coordinates the planning and management of major events to include:
  - NASCAR races at Dover International Speedway
  - State Fair
  - other
Transportation Incident and Event Management

• The TMC coordinates the planning and management of DelDOT’s response to natural or other disasters to include:
  – Snow and Ice Storms
  – Hurricanes
  – Nor’easters
  – Hazmat Incidents
  – Radiological Incidents
  – Weapons of Mass Destruction (WMD) Incidents
  – Etc.
Transportation Incident and Event Management

- All 911 Centers’ requests for DelDOT response or service come through the TMC.
- The TMC is being integrated into the new Delaware State Police computer aided dispatch system
- The TMC coordinates homeland security information with the Delaware State Police Intelligence Section through the Delaware Intelligence Analysis Center (DIAC) to include requests for transportation facilities and infrastructure.
- #77 (disabled vehicle) calls are answered at the TMC.
Requests for DelDOT response and service from the State Emergency Operation Center (EOC), county and municipal EOC’s are managed by the TMC.
Transportation Incident and Event Management

- The TMC coordinates DelDOT’s response to Federal Disaster Declarations.
- The TMC coordinates providing DelDOT personnel for disaster assessment teams.
Transportation Incident and Event Management

• The TMC leads DelDOT’s planning efforts associated with:
  – Delaware Strategy for Homeland Security
  – Delaware Emergency Operations Plan (DEOP)
  – Delaware Transportation Security Plan
  – Delaware Transportation Incident and Event Management Plan
  – Represents DelDOT in other Homeland Security and Public Safety planning
  – All Hazards Evacuation Plans
  – Incident Response Plans
  – Other
Delaware Emergency Operations Plan
Catastrophic Event Response Plan

Delaware Emergency Operation Plan
– Includes Basic Plan, 17 Emergency Support Functions (ESF), & Hazard Specific Annexes
– Provides Mission Assignments & Tasking

DeIDOT’s Role
– Primary Agency for ESF 1 - Transportation and ESF 3 Public Works and Engineering
– Support Agency for 15 ESF - Communication, Mass Care, Food, Fire Fighting, Search & Rescue, Resource Support, Information & Planning, Animal Care, etc.
Delaware Transportation Security Plan

• Established a Security Working Group
  – Reviewed list of critical assets and develop group prioritization
  – Reviewed identified vulnerability and risk, discuss possible cause/conditions
  – Developed & reviewed countermeasures including capital expenditure and policy change recommendation
  – Incorporate *National Strategy for Homeland Security* - July 2002 (ie First Responders)
Transportation Incident and Event Management Plan

- Developed with input from all DelDOT divisions and other agencies to include police, fire, emergency management and others at the state and local level.
Transportation Incident and Event Management Plan

*Level of Response to the Level of Incident*

**Purpose** -

- To define the communication, response, resource and responsibility procedures and guidelines of the Transportation Management Teams (TMT) for response to any event or incident that impacts the transportation system.

- To establish the TMT concept that will maximize the safe movement of persons and vehicles from the affected area(s), and give emergency personnel access to the affected area(s).

- To establish the TMT responsibility for the prompt, safe, and orderly re-entry of evacuees into the evacuated area once the incident or event no longer exists.
Transportation Incident Management Teams

• Transportation Management Teams (TMT) - TMTs are composed of state and local police, fire, rescue, emergency management, environmental protection, public works, transportation agencies and others. The TMT will jointly make decisions on how an incident or an event that impacts the transportation system will be handled.

• Meet Monthly

• Six TMTs:
  – Northern New Castle County
  – Southern New Castle County
  – Kent County
  – Eastern Sussex County
  – Central Sussex County
  – Western Sussex County

• Communication Working Group

• DAFB Working Group

Plan, Train and Respond Together
Transportation Management Teams (TMT)

www.deldot.gov/information/projects/tmt/

- Jointly make decisions on how an incident or an event that impacts the transportation system will be handled.

- Work within the National Incident Management System (NIMS) framework and Unified Command Structure

TMT Keys to Success

| Establish communication procedures. |
| Define roles and responsibilities. |
| Establish policies and procedures. |
| Identify the available resources for different areas. |
  - People  Vehicles
  - Equipment  Materials
| Establish planning and training exercises. |
**Transportation Management Teams (TMT)**

www.deldot.gov/information/projects/tmt/

<table>
<thead>
<tr>
<th>Primary Agencies</th>
<th>Support Agencies</th>
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<tr>
<td>Delaware Emergency Management Agency</td>
<td>Department of Administrative Services</td>
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<td>Delaware State Police</td>
<td>Delaware Health &amp; Social Services</td>
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<td>Delaware Department of Transportation</td>
<td>Delaware National Guard</td>
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<td>State Climatology Office</td>
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<td>Delaware Geological Survey</td>
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<td>Delaware River &amp; Bay Authority</td>
<td>Department of Education</td>
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<td>Delaware Solid Waste Authority</td>
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<td>Neighboring State and City Emer. Man. Agencies</td>
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<th>Federal Counterparts</th>
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<td>US Department of Transportation</td>
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Evacuation and Response Planning

- National Incident Management System (NIMS)
  - DE Emergency Operations Plan (DEOP)
    - Transportation Incident and Event Management Plan (TIEMP)
      - Evacuation Annexes
      - Response Annexes
All Hazards Evacuation and Response Plans Status

New Castle County Complete

Kent County Complete

Sussex County Complete

Salem Nuclear Plant Evacuation Plan – Update Complete

Dover Air Force Base Incident Response Plan Complete
In Progress:

• Major Transportation System Detour Plans
• Dover International Speedway Evacuation Plan
• Debris Management
• Special Needs (Non-Typical Needs)
  • Medical
  • No Private Transportation
  • Pets
• Re-Entry/Recovery
• Aeronautics – Delaware Airports Security Plans
• Cyber Security

www.deldot.gov/information/projects/tmt/
All Hazards Evacuation and Response Plans Status

Plan development 2008/2009:

• Transit
• Rail
• Marine (Ports)

www.deldot.gov/information/projects/tmt/
Regional Map
Example Intersection Diagram

PRIMARY EVACUATION ROUTE

LEGEND
- VEHICLE DRIVING TELESCOPIC FRAME
- VEHICLE DRIVING NON-TELESCOPIC FRAME
- VEHICLE DRIVING TELESCOPIC FRAME
- VEHICLE DRIVING NON-TELESCOPIC FRAME
- TRAFFIC LIGHTS
- TRAFFIC CONTROLLER
- DIRECTS TRAFFIC
- EVACUATION SHELTER
- POLICE BARRICADE
- DELTAC TRUCK
- ARROW BOARD
- VMS
- CCTV
- INJURED

EQUIPMENT & PERSONNEL SUMMARY

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<td>HEAT, FOR SHARP, SETUP DELTA AREA</td>
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DRAWING NOT TO SCALE

INTERSECTION OF SR-1 AND US 9 "FIVE POINTS"
Bay Bridge Closure
Plan Coordination

• The development of Delaware’s evacuation plans are being coordinated with:
  • Delmarva Emergency Task Force (DETF)
  • Maryland Eastern Shore Evacuation Plan prepared by the Maryland State Highway Administration (MSHA)
  • Army Corps of Engineers
  • Pennsylvania
  • New Jersey
  • City of Wilmington and other local plans

www.deldot.gov/information/projects/tmt/
Each TMT is developing Traffic Control Plans for incidents that close sections of the state’s major road network.

The TMTs are developing detailed traffic control plans to be used in conjunction with evacuation and response plans.

[Link to website: www.deldot.gov/information/projects/tmt/]
Traffic Control Plans

www.deldot.gov/information/projects/tmt/
Evacuation and detour plans are available at www.deldot.gov

http://deldot.gov/information/projects/tmt/proj_docs.shtml
Delaware Department of Safety and Homeland Security

• Delaware Homeland Security Strategy
  • Delaware Homeland Security Council
  • Delaware Emergency Operations Plan (DEOP)
    • Emergency Support Functions

• State Response Agencies

• Homeland Security Terrorist Preparedness Working Group
  • US Department of Homeland Security Grant Program
Current Training Initiatives

• Developing training for DelDOT personnel
  – TMC/Area Yards Coordination and Communication
  – 1st responder
  – Incident Management
  – HazMat
  – Safety
  – Office of Domestic Preparedness (ODP)
• Training and Exercising with DEMA & other State/Federal Agencies
Thank You

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