ENDEAVOR: Pennsylvania Private Sector Working Group

Quarterly Summit

A partnership that develops action oriented, outcome-based solutions
Participants

Pennsylvania Farm Bureau
Welcome & Opening Remarks
Welcome

- **Co-Chair Carmella Hinderaker,**
  Business Continuity Director, C&S Wholesale Grocers

- **Co-Chair Pat Shull,**
  Director of Safety, Security, and Risk Assessment, Harrisburg Property Services LLC,
Agenda

• Session 1 - Partnership Goals: what has been a what we have accomplished

• Session 2 - Essential Personnel: private sector access to restricted roads during disasters

• Session 3 - GeoCollaborate: information sharing

• Session 4 - Winter Planning: declarations, restrictions, and needed information

• Session 5 - Next Steps
Results Driven:
What Endeavor WG Has Accomplished
A New Way of Public/Private Collaboration....
To Get Communities Back to Normal Following Disasters or Disruptions
The Multi-State Fleet Response Working Group (FRWG)...a model to replicate

A National Working Group Focused on Integrated Planning with State/Local Governments to Expedite Power/Utility Fleet Movement and Supply Chain Restoration Efforts Across State Lines
| FRWG Initial Issues - Private Sector Choke Points |

**Intrastate/Interstate**
- What CMV regulations does each state follow?
- Has each state adopted the Federal DOT regulations?

**State Emergency Declarations/Waivers**
- What exemptions are included in state declarations?
- Where can the declarations be found?

**Road Information**
- How can we get road closures/conditions information faster?
- How up-to-date is the 511 website information?
- Is there a central place for road closure information?

**CMV (Commercial Motor Vehicles) Designations**
- How are your CMV used in emergency response registered?
- What options do you have in registration?

**Federal Declarations/Waivers**
- What exemptions are included in Federal declarations?
- Where can the declarations be found?

**Permits**
- What permits may be needed and how do we purchase permits faster?
- Can we purchase permits in advance?
- What options do we have around trip/fuel permits?

**Road Congestion**
- What options do we have for navigating around road congestion in metro areas?

**US/Canadian Border Crossing**
- What is the process for crossing the border?
- Is a passport required?
- Has US and Canadian Customs agreed to the process?
# FRWG Initial Issues - Private Sector Choke Points

**Hours of Service (HOS)** - under SAFETEA-LU Section 4132 exempts operators of utility service vehicles from all provisions of 49 CFR Part 39

**Non-CMV Roadways**
- What roads, parkways, and HOV lanes are non-CMV accessible?
- How do we obtain permission to access these roads?

**Toll Stations / Passes**
- Is there a process to get through toll gates quickly?
- Where do we find which states have roads and/or bridges?
- Can accounts be created electronically and multiple licenses added?
- What are the toll payment methods?
- What options does the private sector have for tolls?

**Weigh Stations**
- What type of weigh stations are in each state?
- How can we effectively get through weigh stations?
- Is there an option to bypass?
- Can credentialing and access cards be an option?
- Who can we contact in each state?

**Logistics**
- How can we tell where fuel is available?
- Can we determine locations of hotels?

**Information Availability and Base Line Understanding**
- Make information easily available
- Develop consistent public/private understanding on each choke point issue
## FRWG Cross Sector Benefits

<table>
<thead>
<tr>
<th>Solution</th>
<th>Electric Sector</th>
<th>Telecom Sector</th>
<th>Food Sector</th>
<th>Fuel Sector</th>
<th>State Local Gov’t</th>
<th>Additional Sectors</th>
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## ENDEAVOR Success factors - Use cases and products

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<thead>
<tr>
<th>Solution</th>
<th>Issue/Trigger</th>
<th>Status</th>
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<tr>
<td>Border guidance</td>
<td>Access of essential personnel to restricted areas</td>
<td>Adopted</td>
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<tr>
<td>Revised directive and policy for “Movement of Authorized Persons on</td>
<td>Access of essential personnel to restricted areas</td>
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<td>Commonwealth Highways During a Disaster”</td>
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<td>Guidance for waiver request</td>
<td>Access of essential personnel to restricted areas</td>
<td>Not Started</td>
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<tr>
<td>Charter – definition of roles and commitments for government and private</td>
<td>Working Group Formation and Momentum</td>
<td>Adopted</td>
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<tr>
<td>Guidance for different ways to participate (distribution list vs trust</td>
<td>Working Group Formation and Momentum</td>
<td>Not Started</td>
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<td>partner exchange)</td>
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<td>Guidance on how to “sign up”</td>
<td>Working Group Formation and Momentum</td>
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<td>Directory of partners</td>
<td>Working Group Formation and Momentum</td>
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<td>Determine timeline and planning for the next 90 days and following</td>
<td>Working Group Formation and Momentum</td>
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<td>Webinar/engagement and “rip sheets” describing 511 uses for transportation</td>
<td>Timely/Actionable Situational Awareness related to transportation issues</td>
<td>Complete</td>
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<tr>
<td>Webinar/engagement and “rip sheets” describing road restriction</td>
<td>Timely/Actionable Situational Awareness related to transportation issues</td>
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<tr>
<td>methodology</td>
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<td>Webinar and “rip sheets” on utility prioritization</td>
<td>Timely/Actionable Situational Awareness related to transportation issues</td>
<td>Not Started</td>
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<tr>
<td>Exchange platform (webinar or during meetings) highlighting applications</td>
<td>Timely/Actionable Situational Awareness related to transportation issues</td>
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<td>other businesses use for road conditions such as Waze</td>
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<td>Guidance for empty tractor trailers</td>
<td>Timely/Actionable Situational Awareness related to transportation issues</td>
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<tr>
<td>Understanding the waiver process for different sectors - Agriculture,</td>
<td>Timely/Actionable Situational Awareness related to transportation issues</td>
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<td>Utility, Fuel and</td>
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What We’ve Accomplished: Endeavor

- Established Steering Committee
- Created Working Groups:
  - Access and Transportation
- WG Directory of Partners
- Created Endeavor WG Logo
- Approved Endeavor WG Charter
- Adopted Use Case Approach to Solving Problems
- Approved Use Case template
- Identified initial 3 Use Cases
- Engaged Fuel and Petroleum companies in a non-regulatory discussions
What We Said: Roadways

Timely/actionable situational awareness: transportation and road restrictions

Perspectives
- Coordination among emergency management, utilities and transportation is important when roads are blocked with debris and power lines.
- Whether a road is an Interstate, state, county or local road does not matter when it comes to needing to know the conditions.
- Access to roadways can affect agriculture and possibly lead to environmental issues.
- The Proclamation of Disaster Emergency in Pennsylvania is an administrative tool. Restrictions/closures are an entirely separate process.

Solutions discussed
- Education/awareness: PA511 use, restriction decision process, utility prioritization.
- Define "empty".

NOTED
1. Most issues on highways can be predicted based on anticipated weather conditions, rate and speed of snowfall, and terrain.

2. Three cars can be cleared within an hour. Three tractor trailers will close a road for 5+ hours.

3. Restrictions on empty trucks are to keep the roads open.
What We’ve Accomplished: Roadways

Learning product:
Recorded webinar focusing on the capabilities of PA511 and Waze as a planning tool during events. Included road restrictions process in the webinar.

Operational product:
Developed Standard Operating Guidance for Emergency Management and Private Sector to use when crews are crossing the Canadian border to assist with utility restoration in Pennsylvania.
What We Said: Access

Clarity on essential services

Perspectives
- Waivers and access, based on essential or emergency services, needs to be coordinated with state and local law enforcement.
- Most helpful is knowing the definition and process rather than an ID.
- Least understood is the ability for essential or emergency services to move when a proclamation of disaster emergency has not yet been declared.

Solutions discussed
- Revisit and revise current PEMA directive, “Movement of Authorized Persons on Commonwealth Highways During a Disaster”.
- Education/awareness for current processes: waiver requests and border crossing.

NOTED

1. County emergency management works with local law enforcement to allow passage.
2. Local law enforcement needs to know priority services for utilities in their area.
What We’ve Accomplished: Access

Learning product:
Held in information/learning session with private sector and state agencies to better understand road closures and past challenges.

Operational product:
Revised directive and policy for “Movement of Authorized Persons on Commonwealth Highways During a Disaster”
The Path Forward: Possible Use Cases

• Waiver Request Process
  • Understanding the waiver request process for different sectors
  • Guidance explaining the waiver request process
• Understanding Utility restore prioritization
• Guidance document for “empty” tractor trailers to travel on
• Local/State/Regional Dashboards
• Drone mutual assistance for data sharing
To Join ....

Send email to:

RA-EMPEMAEXTAFFAIRS@pa.gov
The Path Forward: Discussion

What is the biggest operational issue your organization faces during:

1) Winter Ice Storm
2) Flooding event
3) Other
Use Case Discussion:

Access of Essential Personnel

Private sector access to restricted roads during disasters
SISE Use Case Methodology

**SECTORS**
- Electric
- Telecom
- Fuel
- Food
- Medical
- Water
- Finance
- Transportation
- Other...

**Operational Problems and Related People, Data, Security**
- People = Cultures, Perspectives, Intents, Terms/Language
- Data = Timing, Formats, Reliable Sources, Formats, Labeling, Handling
- Security = Legal, Governance, ID Vetting, Permissions, Credentials, Agreements

**Sector Use Cases**

**Operational Readiness Level (ORL)**
(Federated standards for data’s “operational” use in the field)

**Data Sets**
- Electric Power
- Weather
- Transportation
- Fuel
- Lodging
- Food/Water
- Other...
- Re-entry Processes
- State/Local Gov’t Declarations
Use Case Template

- What Sector?
- What’s the operational problem?
- What’s the operational impacts?
- Who are the people to be involved?
- What is the process needed? Data? Information?
- What is the security level needed to share info?
- What are short-, mid-, long-term solutions?
ENDEAVOR WG Governance Structure

Working Group
- All Stakeholders
  - Access to Restricted Roads During Disasters
  - Movement of Empty Trailers & Tankers
  - Transportation Situational Awareness
- Steering Committee
  - Use Case Committees
  - Use Case Committees
  - Use Case Committees
Use Case Management

Active Use Cases

Parking Lot
Use Case Approach

Access to Restricted Roads During Disasters

Private Sector

State Gov’t

Local Gov’t

Sector Perspectives

Operational Impacts

10/25/2018
Access of Essential Personnel

George Giangi

Southcentral PA Task Force
Business, Industry & Infrastructure Chair
Access of Essential Personnel

Private Sector Perspective

• Critical business and industry personnel may need to travel to work during disasters to maintain critical services such as gas, water, electric, telecommunications, healthcare, food etc.

• If roads are closed, personnel needs a way to show they are authorized to be on the roads. In the absence of such a process. Essential personnel from these critical services are subject to citations by law enforcement and critical services may be lost during disasters.

• PA Directive D-2008-1provides guidance for authorization. This Directive is not widely known and is rarely used.

• Do we close roads?
Access of Essential Personnel

Private Sector Perspective

Goals:

• Review the existing Directive

• Understand the scope and usability

• Determine the need to either rescind or revise.

• Education and guidance for private sector and county/local government.
Access of Essential Personnel

Private Sector Perspective

Outcomes

• Met with private and public sector partners to better understand the issue.

• Provided input on revisions to the Directive
Access of Essential Personnel

Multiple Perspectives

Discussion

How does this issue impact your organization?
Access of Essential Personnel

State Perspective

Jeff Thomas
Executive Deputy Secretary, PEMA

Molly Dougherty
Director, External Affairs, PEMA
Access of Essential Personnel

State Perspective

Impacts of Adverse Road Weather

• Mobility
  • About 25% of non-recurring delays are due to weather
  • Congestion costs about $9.5B/yr. for 85 urban areas*

• Productivity
  • Weather-related delays add about $3.4B/yr. to freight costs

• Environment
  • Chemicals used for anti-icing affect watersheds, air quality and infrastructure

Source: 2015 Urban Mobility Scorecard
http://mobility.tamu.edu/ums/
Access of Essential Personnel

**State Perspective**

- Reason for a proclamation of disaster emergency and how it enables restrictions
- What is a closed road?
- Further define “emergency services and functions that maintain life-safety”
- Define process for notification
- Local control - framework and process for county and local roads, using the same definition of “emergency services and functions that maintain life-safety”
Access of Essential Personnel

State Perspective

• Work with state agencies to confirm guidance
• Engage the private sector to discuss revisions
• Work with local emergency management to refine framework for local use
• Develop promotion, training, and education plan
Working Lunch:

Resume Sessions at 12:30pm
Discussion:

Collaborative Information Sharing
Collaborative Information Sharing

David Jones
GeoCollaborate

10/25/2018
Discussion:

Winter Planning
Winter Planning

Dan Whetzel
PennDOT

Todd Leiss
PA Turnpike Commission
Winter Planning

Chris Fisher and Andy Megonnell

Dauphin County EMA
PEMA All- Hazards Exercise

• November 8, 2018

• PABEOC Activation

• Opportunity to challenge processes or your internal operations
Situation Room in the Commonwealth Response Coordination Center
All- Hazards Exercise: Discussion

• What operational issues would private sector like to have PEMA consider focusing on during the exercise?
Wrap Up

Sign Up for PA BEOC Alerts & Dashboard Access

Send email to:

RA-EMPEMAEXTAFFAIRS@pa.gov
Wrap Up

JOIN ENDEVOR Working Group

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ENDEAVOR: Pennsylvania Private Sector Working Group

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A partnership that develops action oriented, outcome-based solutions