

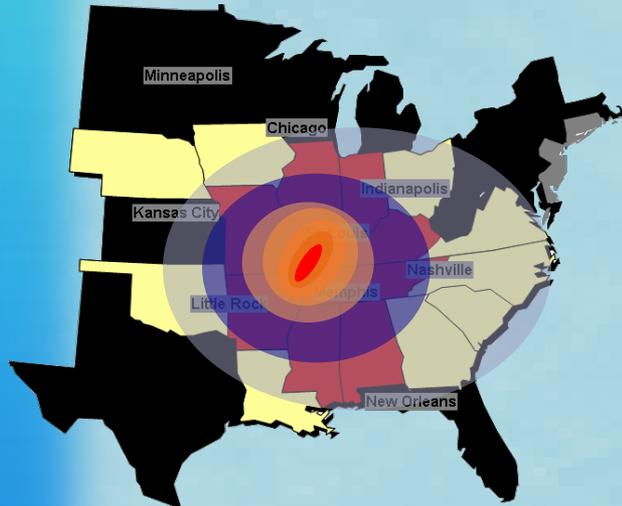
# CAPSTONE 14 Exercise Overview

June 16-20 2014

# CAPSTONE 14



# CAPSTONE 14 Exercise Overview



## CUSEC Member States

[Alabama](#) [Kentucky](#) [Arkansas](#) [Mississippi](#)  
[Illinois](#) [Missouri](#) [Indiana](#) [Tennessee](#)

## CUSEC Associate States

[Georgia](#) [North Carolina](#) [Iowa](#) [Ohio](#)  
[Kansas](#) [Oklahoma](#) [Louisiana](#)  
[South Carolina](#) [Nebraska](#) [Virginia](#)



# CAPSTONE 14 Exercise Overview

## CAPSTONE 2014 Goals

- Test the improvements to the states plans based on the NLE 2011 Exercise
- Improve Regional Response to the NMSZ threat through collaborative solutions
- Form stronger partnerships and relationships at the Regional and National levels
- Solve Real World Problems and Extend the National Dialog (Private Sector and Information Sharing)



# CAPSTONE 14 Exercise Overview

## Multi-State Objectives

- Regional Communications (Interstate, FEMA Region, Interregional, National)
- Regional Shared Situational Awareness (User Defined Common Operating Picture V2 )
- Regional Transportation and Air Space Management Coordination
- Private Sector Integration
- Regional and National Resource Allocation
- DOD, NG-Mobilization Support to Civilian Authorities, DCO, SCO



# CAPSTONE 14 Exercise Overview

## Exercise Conduct

- The Exercise is based on Catastrophic Event impacting all 8 States.
- Damages do not extend beyond the 8 States.
- Each day begins and ends with standard Framing Injects distributed across the Region.
- Each day is an advanced continuation of the scenario.
- Regional objectives are prioritized in concert with each State's objectives.
- Regional objective injects will be shared across all 8 states injected into the State EOC.
- Regional and Higher Headquarters responses will be generated from real work reactions to injects and state response plans.



# CAPSTONE 14 Exercise Overview

## Exercise Assumptions

- Each state will conduct their own internal exercise using internal resources for exercise administration.
- States will maximize the use of existing materials and concepts from NLE 2011 to maximize efforts, synchronize activities and minimize costs.
- Each states exercise will focus on their own list of learning objectives and remain coordinated with the overall Major Focus Areas each Day.
- CUSEC may look at using a central site to serve as the overall inject manager or white cell for message play into the State EOC, Regional EOC or FEMA Region.
- All other message play will be integrated or executed via real response to the exercise scenario.
- CUSEC will encourage and integrate associate states into the mutual aid/EMAC portion of the exercise.



# CAPSTONE 14 Exercise Overview



## Exercise Major Focus Areas by Day



Day	Major Event	Notes
Monday, 16 June	Alert Notification, Develop Situational Awareness	Develop U-COP and Full Call Down, Cabinet Meetings
Tuesday, 17 June	Mobilization, Response	SAR, EMAC, Trans, Air Space, Building Inspectors
Wednesday, 18 June	Medical Surge and Evacuation	EMAC, NDMS
Thursday, 19 June	Mass Care	VOAD, Donations Management
Friday, 20 June	Demobilization, Recovery – Catastrophic Housing TTX	Recovery to focus on the Catastrophic Housing Mission



# CAPSTONE 14 Exercise Overview

## Missouri Impact Overview

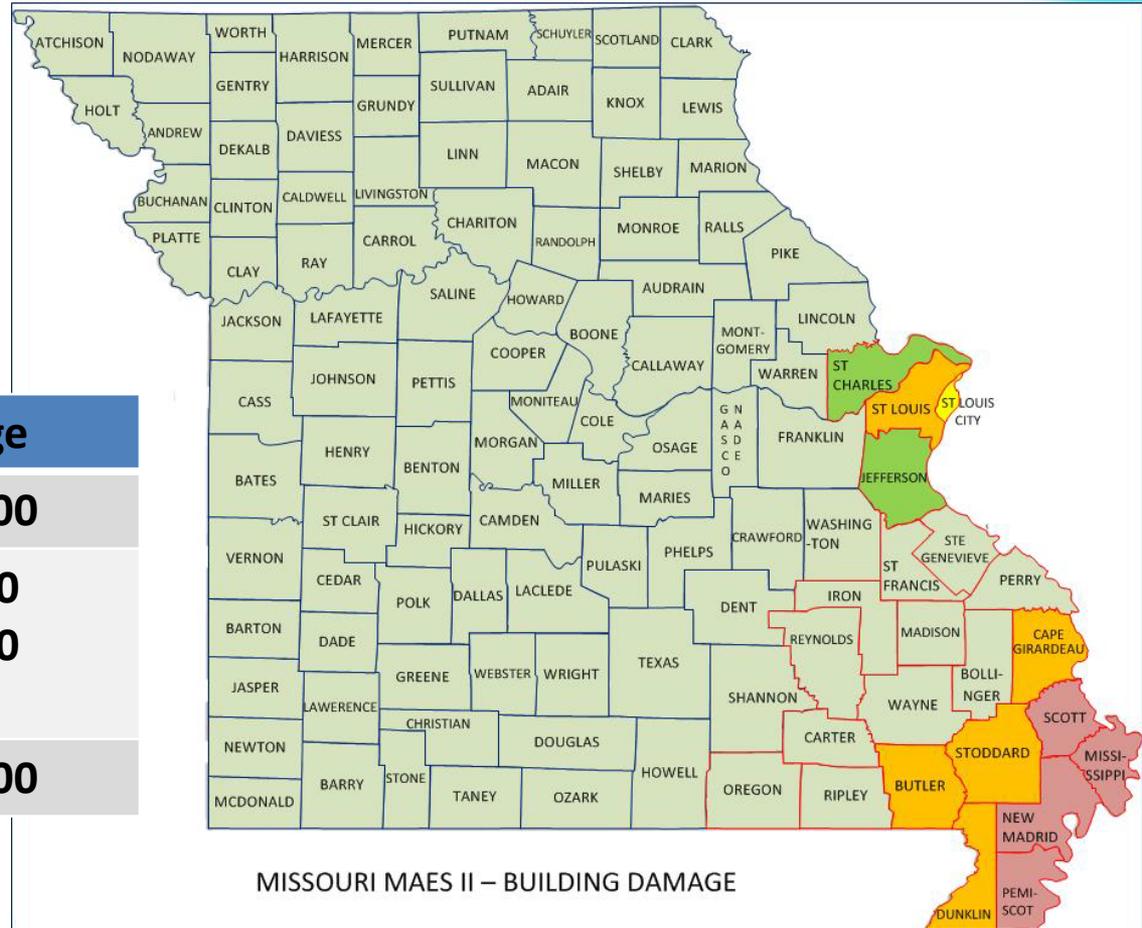
### Capstone 14 Exercise



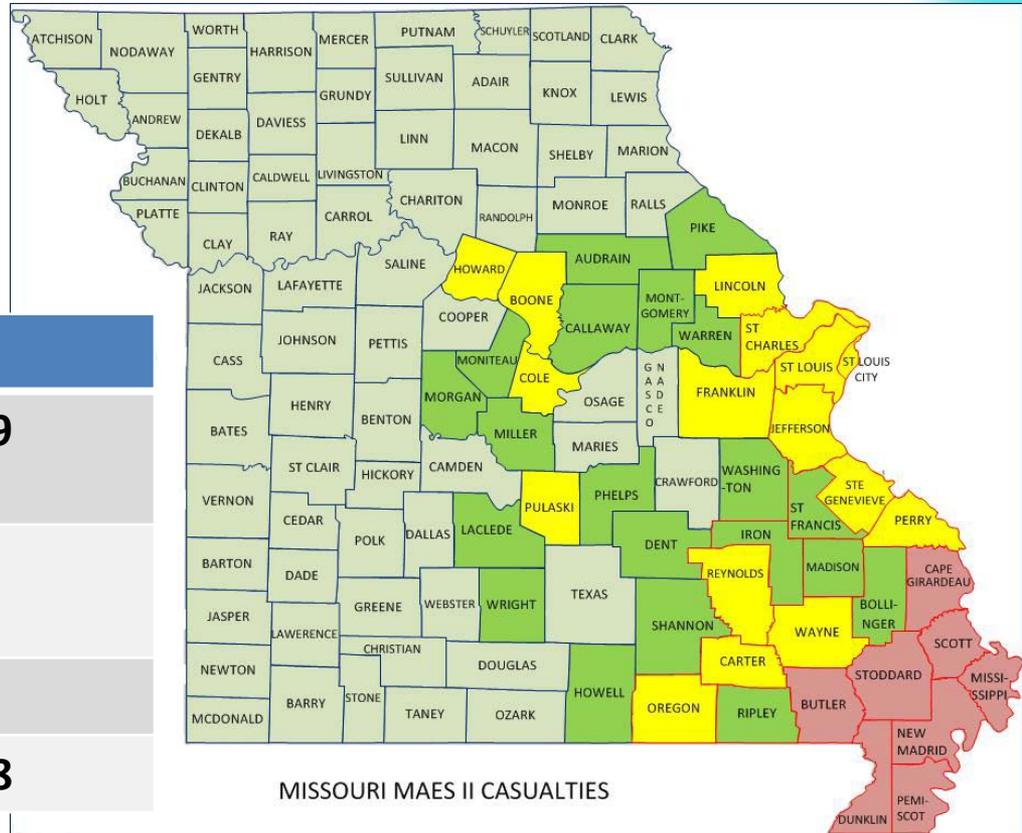


# Building Damage

Breakdown of Damage	
Residential	83,600
Commercial, Industrial and Other	2000 1200
<b>Total</b>	<b>86,800</b>



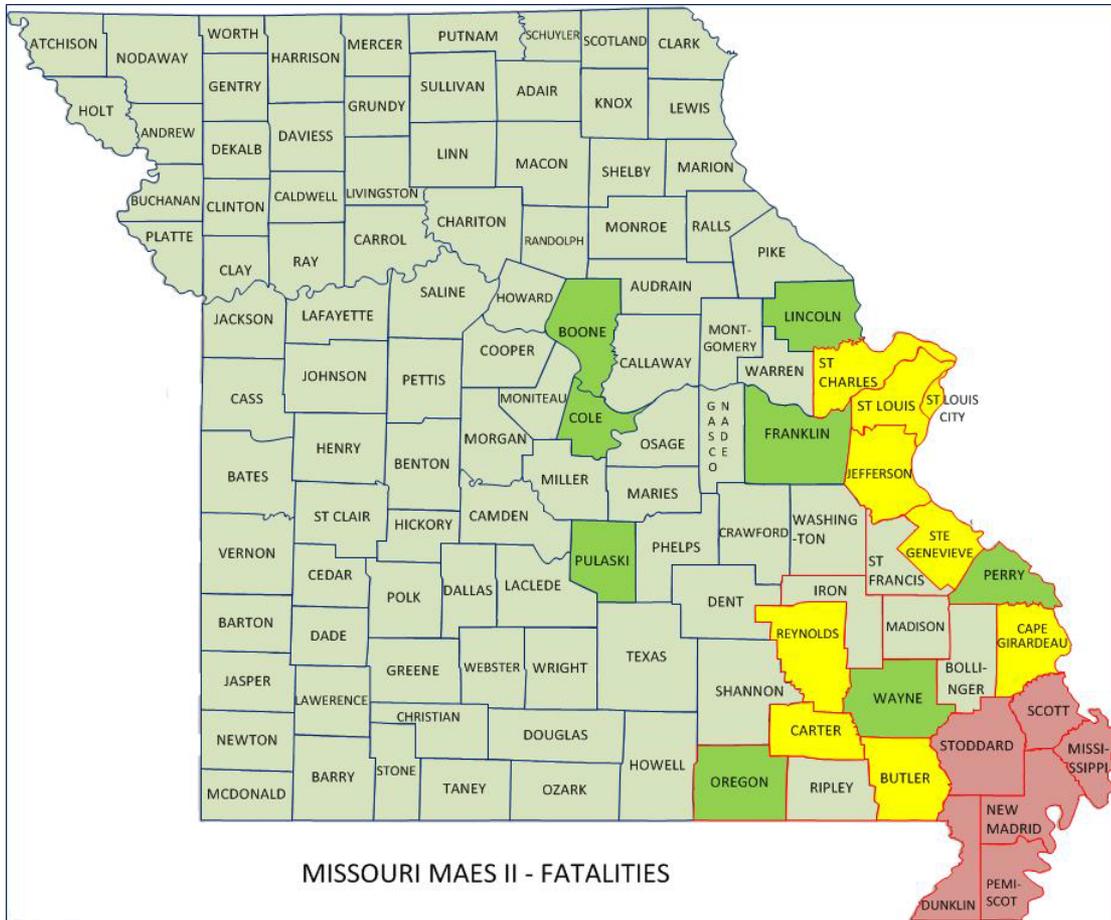
# Total Number of Injured



Breakdown of Injuries	
Medical Aid Needed	10,179
Hospital Care Needed	2,898
Life Threatening	361
<b>Total</b>	<b>13,438</b>

# Total Number of Fatalities

Fatalities	
Total	687

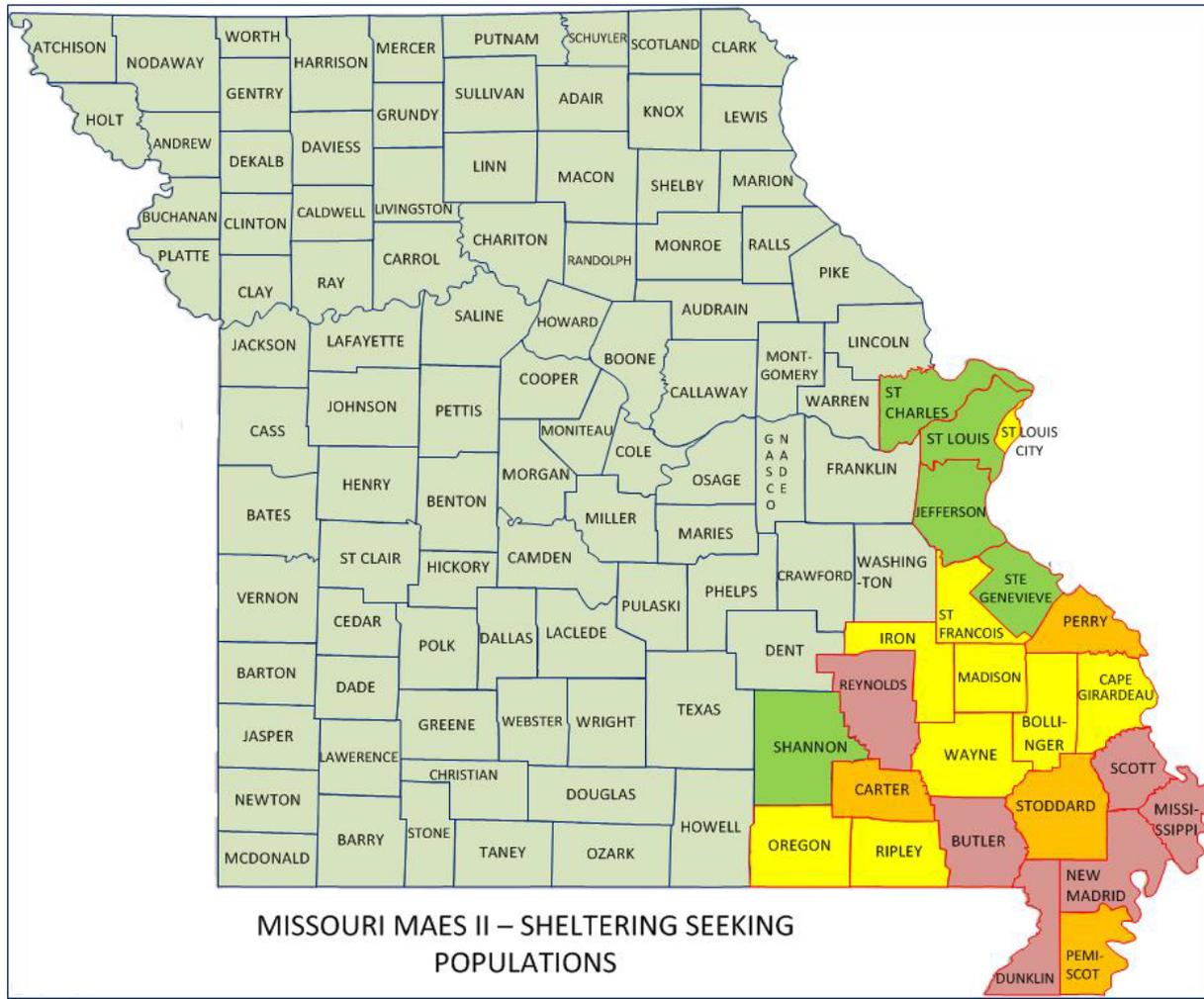


# Shelter Seeking Populations

## Shelter Seeking

Total

237991 +



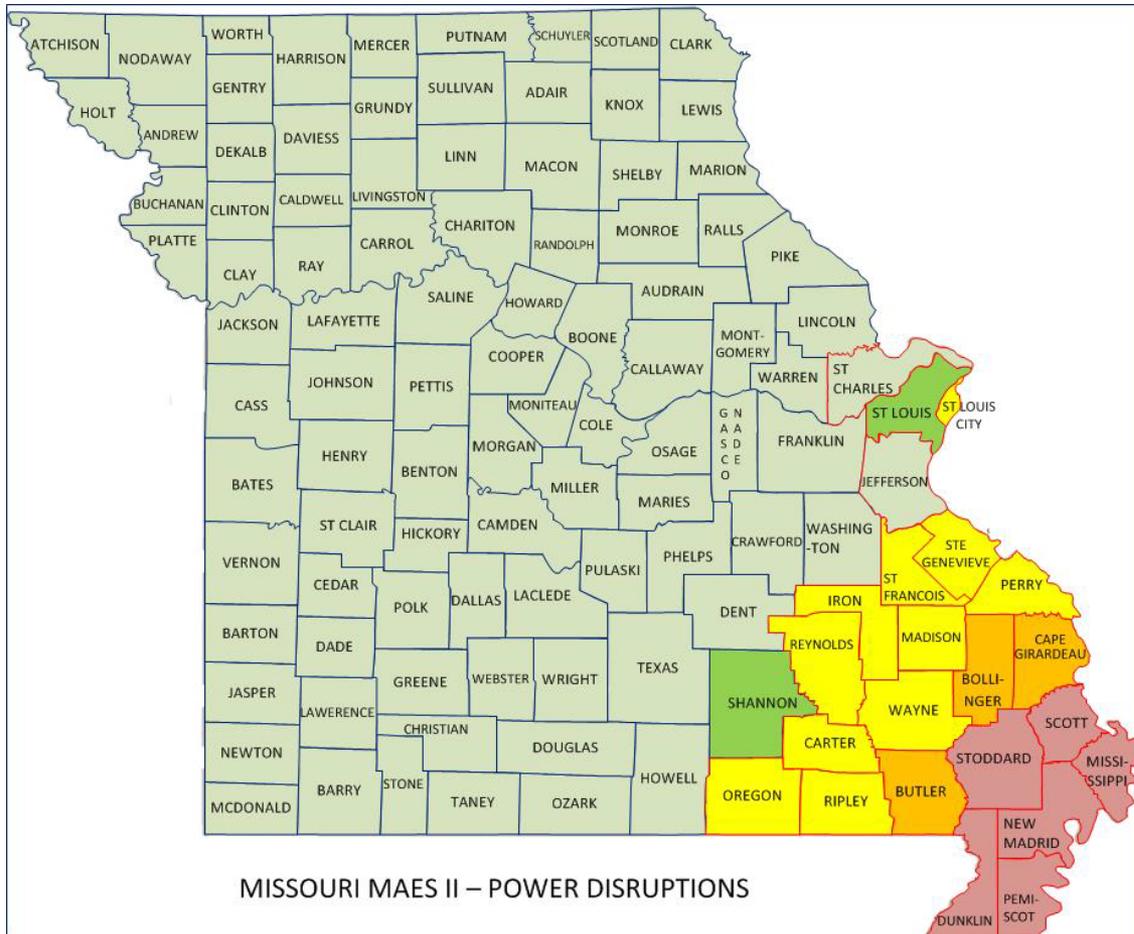
MISSOURI MAES II – SHELTERING SEEKING POPULATIONS

# Power Disruptions

## Number Affected

**Total**

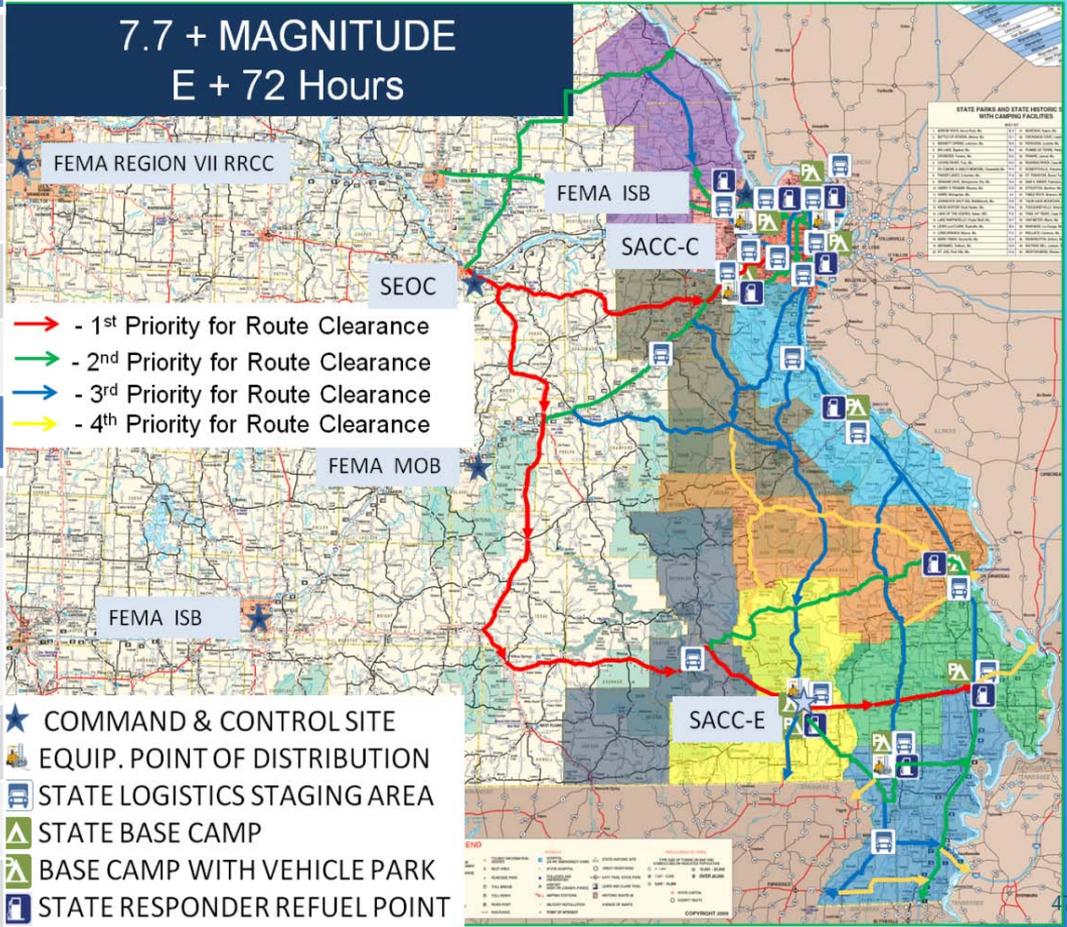
**310,000  
Households**



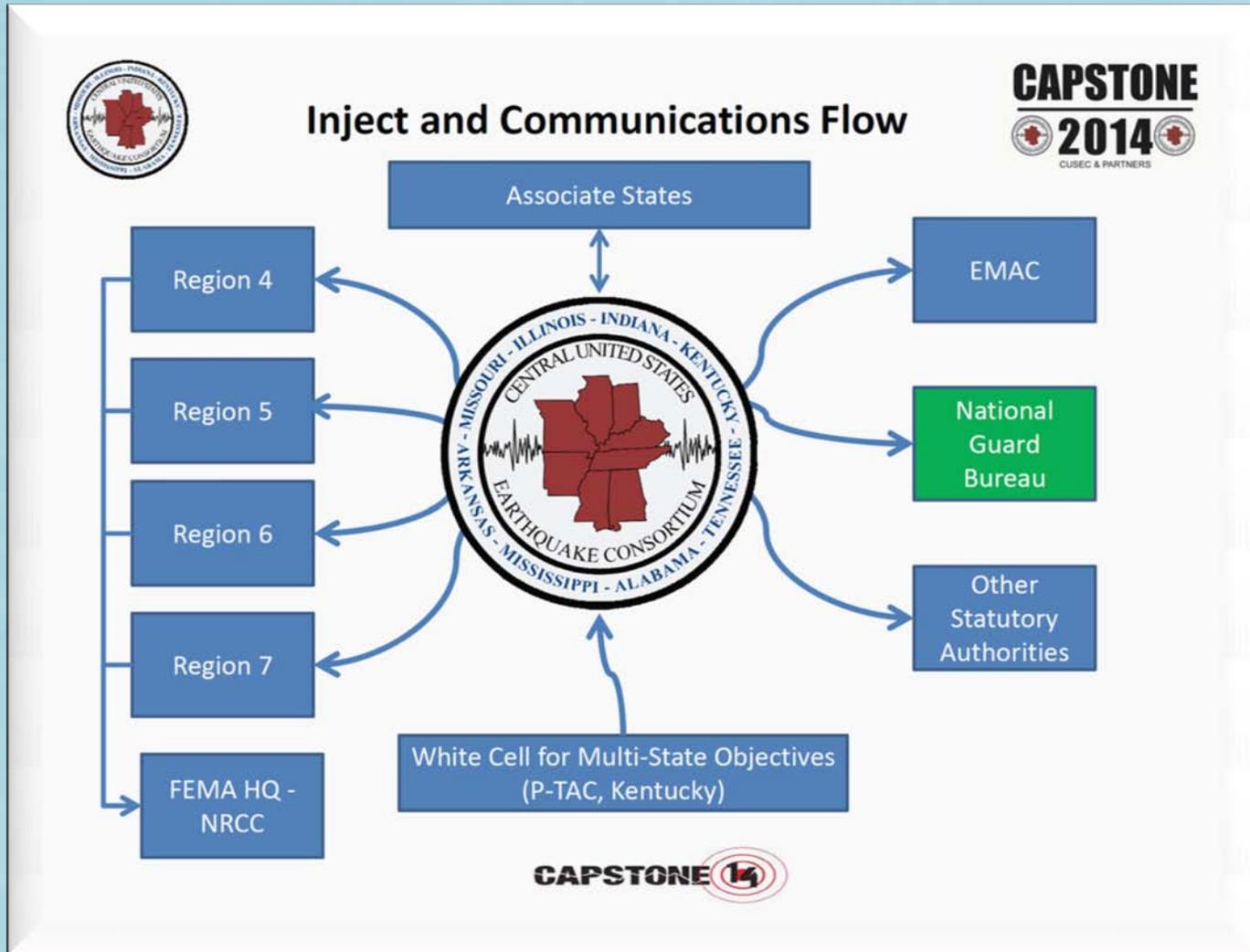


# Immediate Priorities (E+72hrs)

Priorities	
Life Saving	
Clear Major Routes	
Establish Reception Sites	
Establish Logistical Bases	
Establish Distribution Points	
Critical Locations	
Six Flags over St. Louis	
Forrest Park, St Louis	
St Charles Convention Center	
St Charles Soccer Park	
3 Rivers College, Poplar Bluff	
Malden City Airport	
Sikeston Fair Grounds	



# CAPSTONE 14 Exercise Overview



# CAPSTONE 14 Exercise Overview



## CUSEC Concept and Objectives Meeting Overarching Inject Categories

Opening Framing Inject

### Daily Inject Build by State

Building Damage	Package 1
Road Infrastructure	Package 1
Bridges	Package 1
Interstate	Package 1
Without Power	Package 2
Shelter Requirements	Package 2
Hospital & Medical Damage	
Injuries	Package 3
Deaths	Package 3
Commodities Request	
Households w/o Water	
Closing Framing Inject	

- Monday – 30%
- Tuesday – 60 %
- Wednesday – 10%



# CAPSTONE 14 Exercise Overview



## Regional Private Sector Integration

- Develop usable solutions to fully integrate for Private Sector capacity and capabilities
- Implement and Test an Access Control Concept
- Implement and Test a Vehicle/Convoy Placarding Solution
- Implementation of standard Virtual Business Emergency Operations Concept
- Post Business Centric Situational Awareness Information
- Post Mission support requests



# CAPSTONE 14 Exercise Overview



## Private Sector Inject Flow



- Establish PS Information Sharing capability
- Request PS Support
- Provide PS update
- Update PS Situation
- Execute Credentialing Pilot



# CAPSTONE 14 Exercise Overview



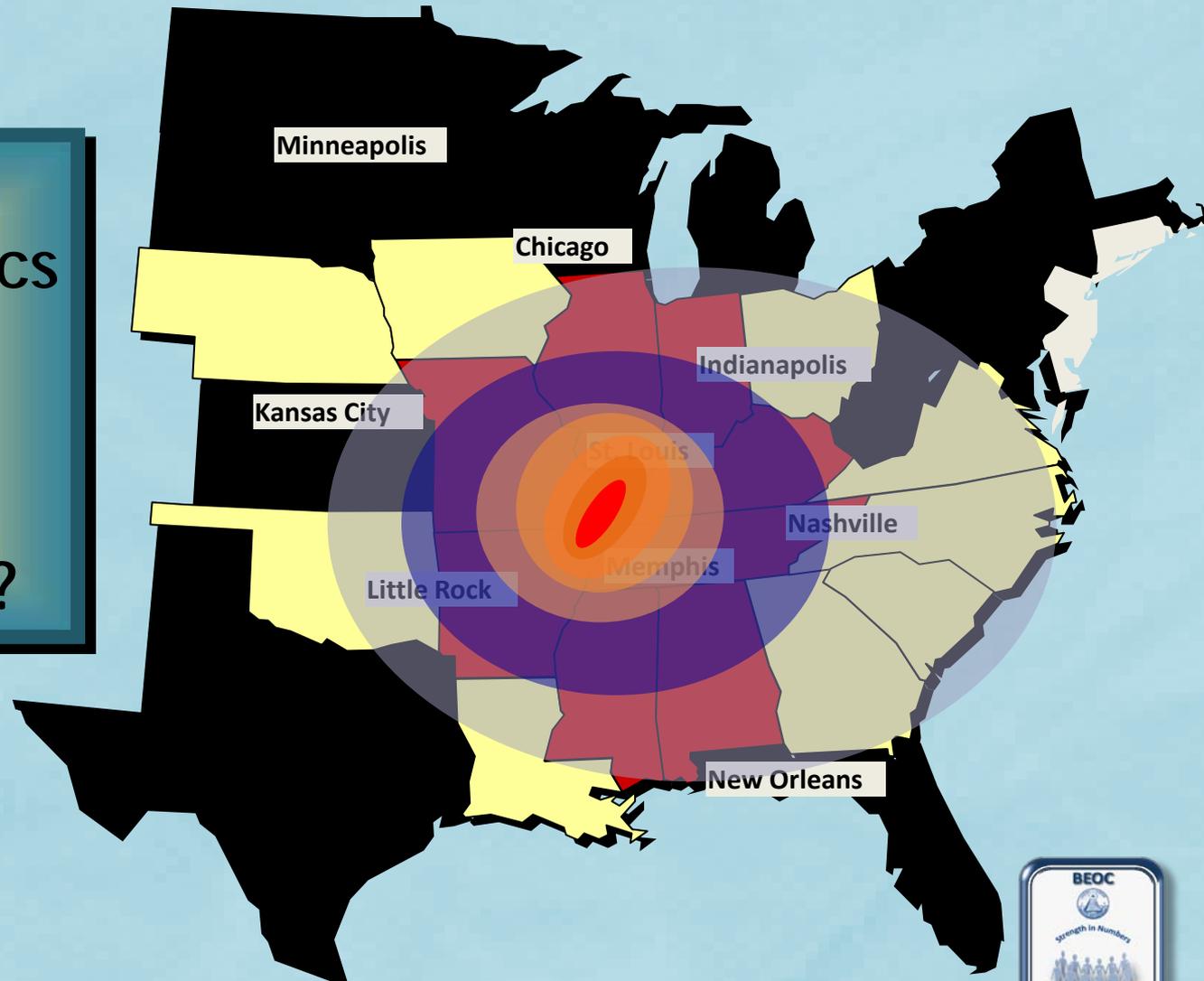
## Transportation Initiative



# CAPSTONE 14 Exercise Overview

## MO SEMA Concept of Support

How Will We  
Provide Logistics  
& Resource  
Support  
After the  
Earth Quakes?



# CAPSTONE 14 Exercise Overview

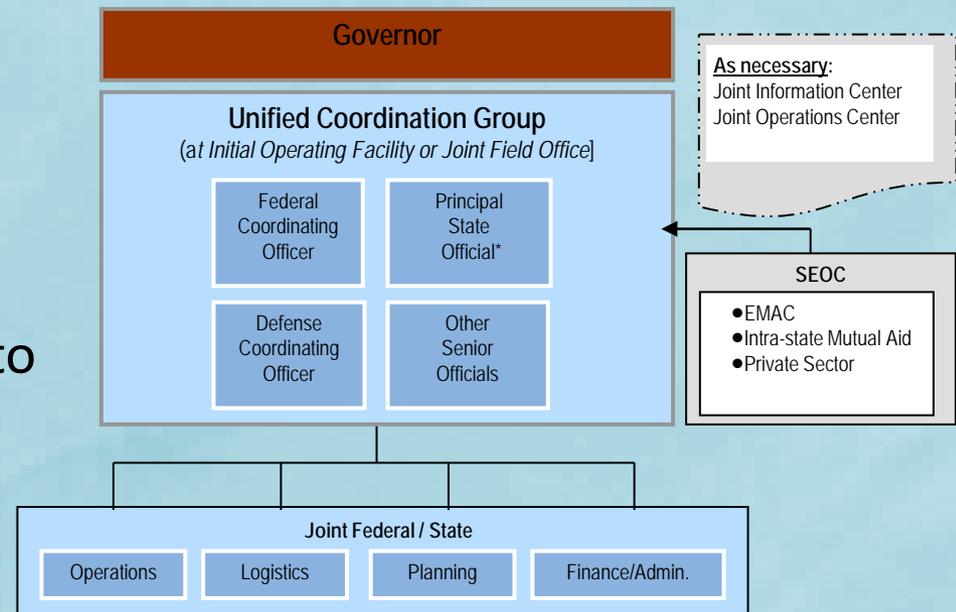
ESF 5

## MO SEMA Concept of Support

### Objective 1: Establish Incident Organization & Coordination

- ◆ Extraordinary requirements will exceed capabilities
- ◆ ESF-5 must leverage all available resources
- ◆ Early ESF-5 integration & synchronization of authorities into operations is essential

- Establish
  - Priorities
  - Objectives
  - Tactical Command
- Prioritize, allocate, and de-conflict resources
- Manage key Federal/state resources
- Provide logistical support as required



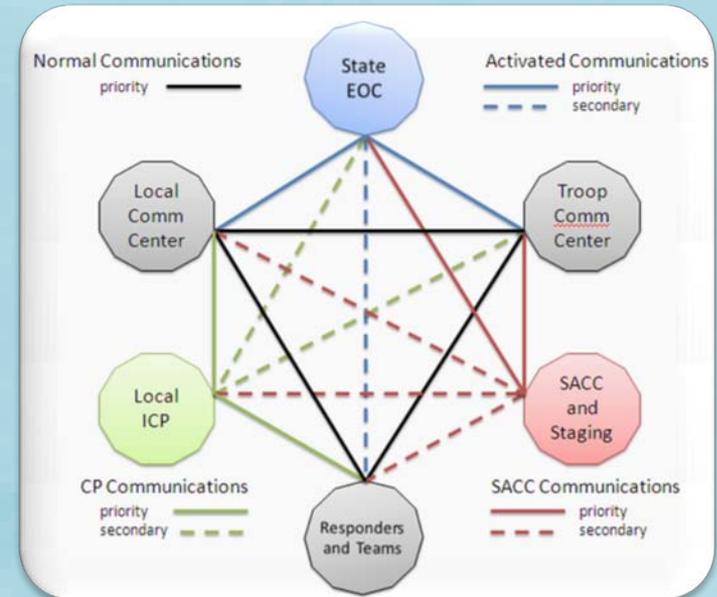
# CAPSTONE 14 Exercise Overview

ESF 2/5/7

## MO SEMA Concept of Support

### Objective 2: Establish & maintain interoperable emergency communications

- ◆ Deploy portable communications
- ◆ Re-establish critical national communications assets, networks & systems
- ◆ National Communications System & FEMA will coordinate & assist the communication sector
- ◆ Communications matrix above depicts expected coordination layers



# CAPSTONE 14 Exercise Overview

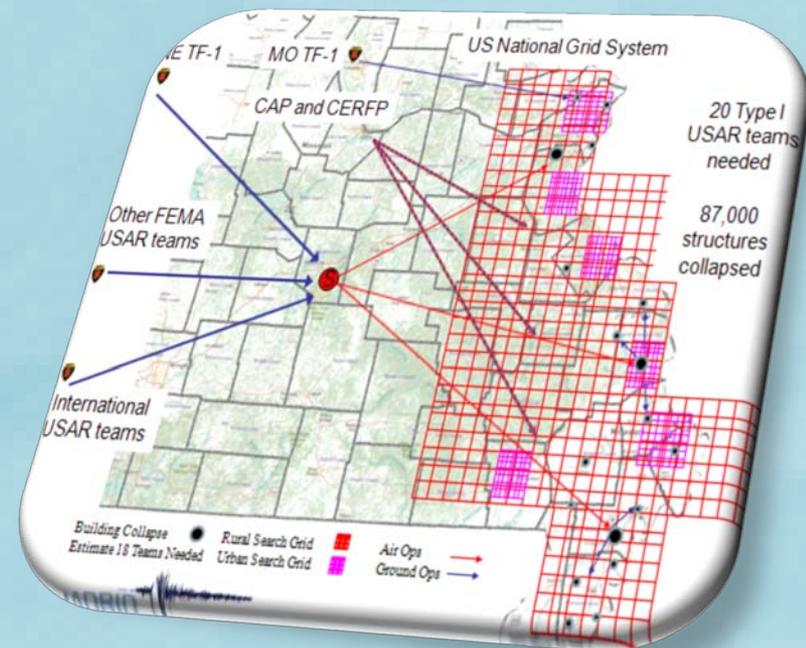
ESF 4/5/9

## MO SEMA Concept of Support

### Objective 3: Prioritize and conduct search & rescue operations

- ◆ Activate & employ MO and NE State US&R Task Forces
- ◆ Activate & deploy federal US&R Teams
- ◆ Activate Statewide Fire Mutual Aid System
- ◆ Prioritize rescue based on life safety & recovery potential

US&R



# CAPSTONE 14 Exercise Overview

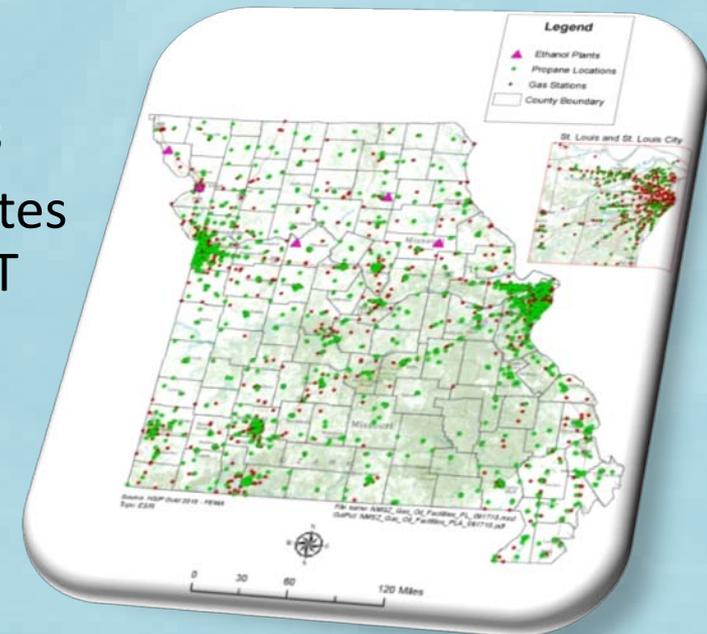
ESF 4/5/10

## MO SEMA Concept of Support

### Objective 4: Conduct hazardous material response & fire fighting operations

- ◆ Some 32 HAZMAT facilities will sustain severe damage
- ◆ Aerial damage assessments will provide initial identification of obvious problems
- ◆ Missouri Division of Fire Safety coordinates immediate response mutual aid HAZMAT resource support
- ◆ Environmental Protection Agency (EPA) & U.S. Coast Guard respond as needed

#### Oil & Gas Facilities



# CAPSTONE 14 Exercise Overview

ESF 4/5/10

## MO SEMA Concept of Support

### Objective 4: Conduct hazardous material response and fire fighting operations *(Continued)*

- ◆ About 100,200 ignitions, displacing 9,023 people
- ◆ Some 69 fire stations sustain at least moderate damage
- ◆ Complete damage for 45 fire stations
- ◆ Local responders undertake immediate fire suppression actions
- ◆ Request, deploy & employ resources on priority routes
- ◆ Coordinate w/ local public works & private sector to concentrate efforts
- ◆ Activate Statewide Fire Mutual Aid System & employ resources
- ◆ Request & employ pre-established national fire caches & support supplies
- ◆ Execute emergency contracts



Source: FEMA

# CAPSTONE 14 Exercise Overview

ESF 3/5/7

## MO SEMA Concept of Support

### Objective 5: Conduct emergency debris clearance

#### Emergency Routes

#### Mission Essential Tasks:

- ◆ Request, deploy & employ resources on priority routes
- ◆ Execute emergency contracts
- ◆ Coordinate w/ local public works & private sector to concentrate efforts



# CAPSTONE 14 Exercise Overview

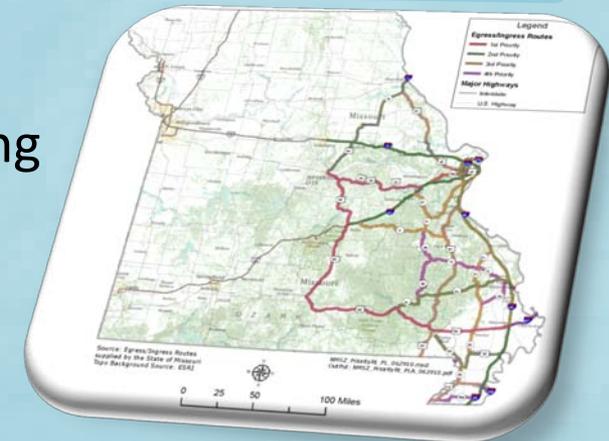
ESF 1/3/5/7

## MO SEMA Concept of Support

### Objective 6: Establish lines of supply & transportation

- ◆ All types of public & private transportation infrastructure severely affected
- ◆ Damage to infrastructure will cause cascading secondary impacts & threats
- ◆ Bridges not seismically retrofitted are extremely vulnerable
- ◆ Some roadways will serve as temporary routes for non-motorized travel
- ◆ Implement temporary flight restrictions over the impacted area
- ◆ Initiate ground movement transportation plan
- ◆ Implement air operations plan

#### Ingress/Egress/MSR



# CAPSTONE 14 Exercise Overview

ESF 5/6/7/8/11

## MO SEMA Concept of Support

### Objective 7: Provide mass care for the displaced population, including pets

- ◆ Mass-Care OPLAN is divided into five key areas: sheltering, household pets, bulk distribution, feeding & evacuation
- ◆ All shelters capable of providing services to general population & Functional Needs Support Services (FNSS)
- ◆ Establish sheltering (congregate & household pet ), feeding & bulk distribution
- ◆ Activate operational locations inside & outside impacted area
- ◆ Coordinate mass care personnel/volunteer support

#### Evacuation Sites



# CAPSTONE 14 Exercise Overview

ESF 5/7/8

## MO SEMA Concept of Support

### Objective 8: Establish emergency medical & public health operations

- ◆ High volume of medical (686 fatalities & 13,434 injuries) & logistical challenges
- ◆ Activate State ESF-8 auto-response plan
- ◆ Lead & coordinate emergency/acute care operations & medical surge capacity
- ◆ Coordinate medical care for those with access, functional & medical needs
- ◆ Support patient evacuation & movement
- ◆ Re-establish & maintain limited environmental health services to support critical needs



# CAPSTONE 14 Exercise Overview

ESF 5/7

## MO SEMA Concept of Support

### Objective 9: Conduct initial damage & safety assessment

- ◆ Deploy land and aerial damage assessment/evaluation teams
- ◆ Assess prioritized critical infrastructure and key resources
- ◆ Request/conduct remote sensing and modeling of damage impacts

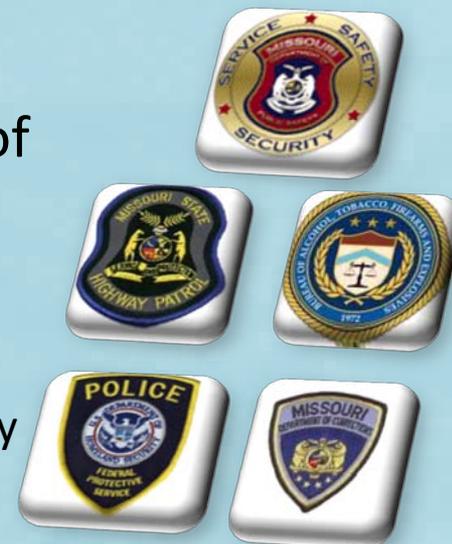


# CAPSTONE 14 Exercise Overview

## MO SEMA Concept of Support

### Objective 10: Provide security for the general population & first responders

- ◆ Activate Missouri State Highway Patrol's All Hazard Emergency Response Plan (May09)
- ◆ Implement force protection at operational sites & critical facilities
- ◆ ESF 13 assists local jurisdictions to secure government facilities & assets
- ◆ Law enforcement agencies lead & control a variety of response operations, including but not limited to:
  - Points of Distribution (POD) — Provide traffic & crowd control
  - Securing CI/KR — Providing force protection
  - Maintaining access control — Protecting citizens and property



# CAPSTONE 14 Exercise Overview

## MO SEMA Concept of Support

### Objective 11: Restore critical infrastructure & public services

- ◆ MO has largest nationwide concentration of pipelines
- ◆ Significant reduction in fuel supply due to crude oil & refined product pipeline rupture potential
- ◆ Possible full loss of natural gas supplies - St. Louis to East Coast
- ◆ Coordinate W/local municipalities & private sector to implement pre-prioritized assessments & to re-establish electric, water, fuel, sanitation, etc. services
- ◆ Initiate emergency contracts, regulation waivers, use EMAC & other pre-scripted federal missions to support local jurisdiction restoration activities



ESF 1/2/3/5/7/12/14



# CAPSTONE 14 Exercise Overview

ESF 5/15

## MO SEMA Concept of Support

- ◆ Ability to disseminate public information greatly reduced
- ◆ Rely heavily on available means & non-traditional delivery methods
- ◆ Extreme national & international media interest
- ◆ Establish a Joint Information System/Center (JIS/JIC)
- ◆ Execute alternate methods for messaging
- ◆ Federal ESF-15 components deployed immediately
- ◆ FEMA maintains expertise and resources to manage Public Affairs, much work conducted outside impacted area
- ◆ SEMA has pre-deployed, pre-scripted survival information packets & materials to distribute to local communities



# CAPSTONE 14 Exercise Overview

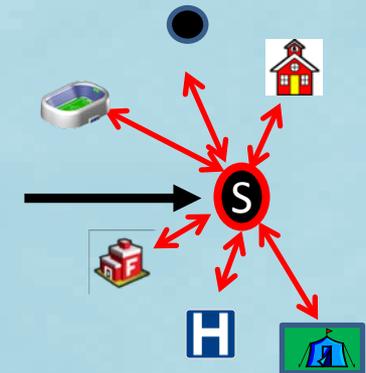
ESF 5/7/14/15

## MO SEMA Concept of Support

### Objective 13: Obtain, deliver & track resources to establish & maintain response operations

- ◆ Logistics concept involves multiple sites for specific functions
- ◆ Road and bridge damage will be extreme
- ◆ Federals envision extensive aviation operations to support delivery of critical supplies
- ◆ Establish pre-identified staging areas, base camps
- ◆ Push/deliver critical supplies
- ◆ Supply essential transportation assets & fuel
- ◆ Enact emergency contracts for commodities

Hub & Spoke System



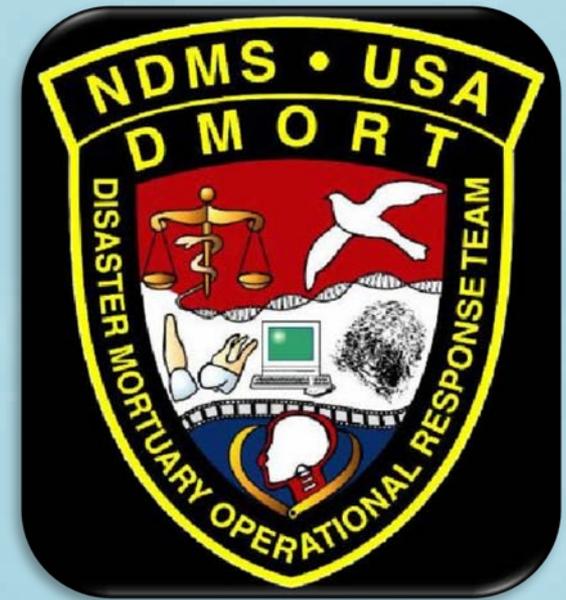
# CAPSTONE 14 Exercise Overview

ESF 5/7/8

## MO SEMA Concept of Support

### Objective 14: Conduct mass fatality operations

- ◆ Request Governor's office to execute Executive Orders designating central medical examiner & recognizing licenses for out-of-state health care personnel
- ◆ Request MFDEA-DRT, EMAC, federal DMORT assets
- ◆ Enact emergency contracts for refrigerated storage to support local jurisdictions as requested





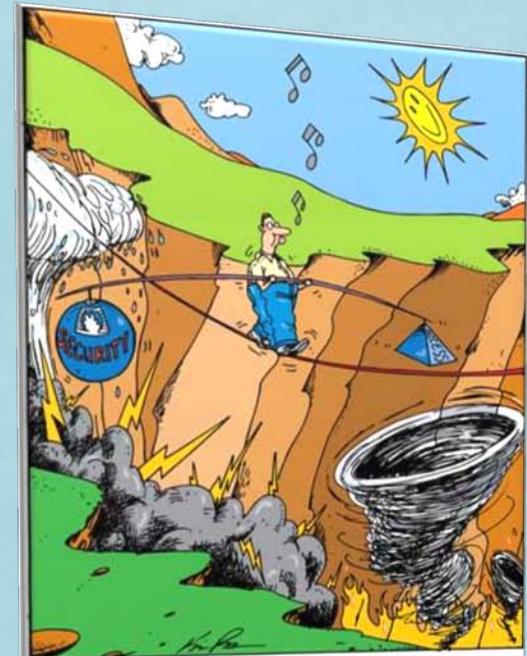
# CAPSTONE 14 Exercise Overview

ESF 5/7/14/15

## MO SEMA Concept of Support

### Objective 16: Maintain continuity of local government within affected area

- ◆ Activate continuity of governments & operations (COG/COOP) plans
- ◆ Support local governments with resource needs as requested so locals can restore &/or continue critical operations



Much to the delight of Carter, Juniper's COOP solution perfectly balanced Security and Access during times of disaster.

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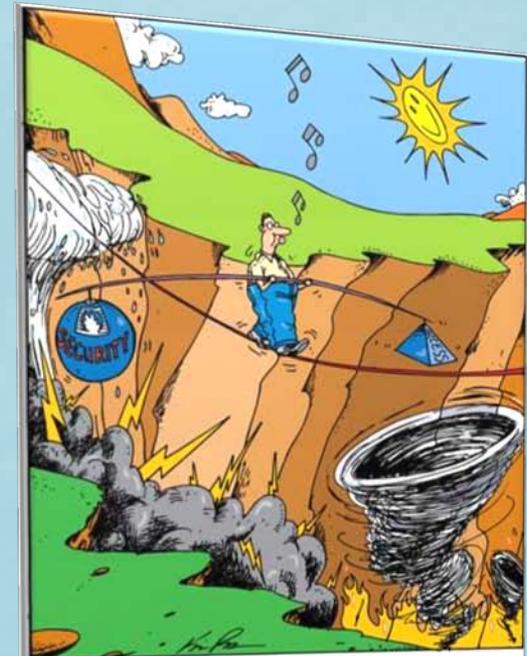
# CAPSTONE 14 Exercise Overview

ESF 5/7/14/15

## MO SEMA Concept of Support

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Much to the delight of Carter, Juniper's COOP solution perfectly balanced Security and Access during times of disaster.



# CAPSTONE 14 Exercise Overview

## MO SEMA Concept of Support

We will Receive Lots of  
Requests for Help ...



# CAPSTONE 14 Exercise Overview

## MO SEMA Concept of Support

### Supplies & Services

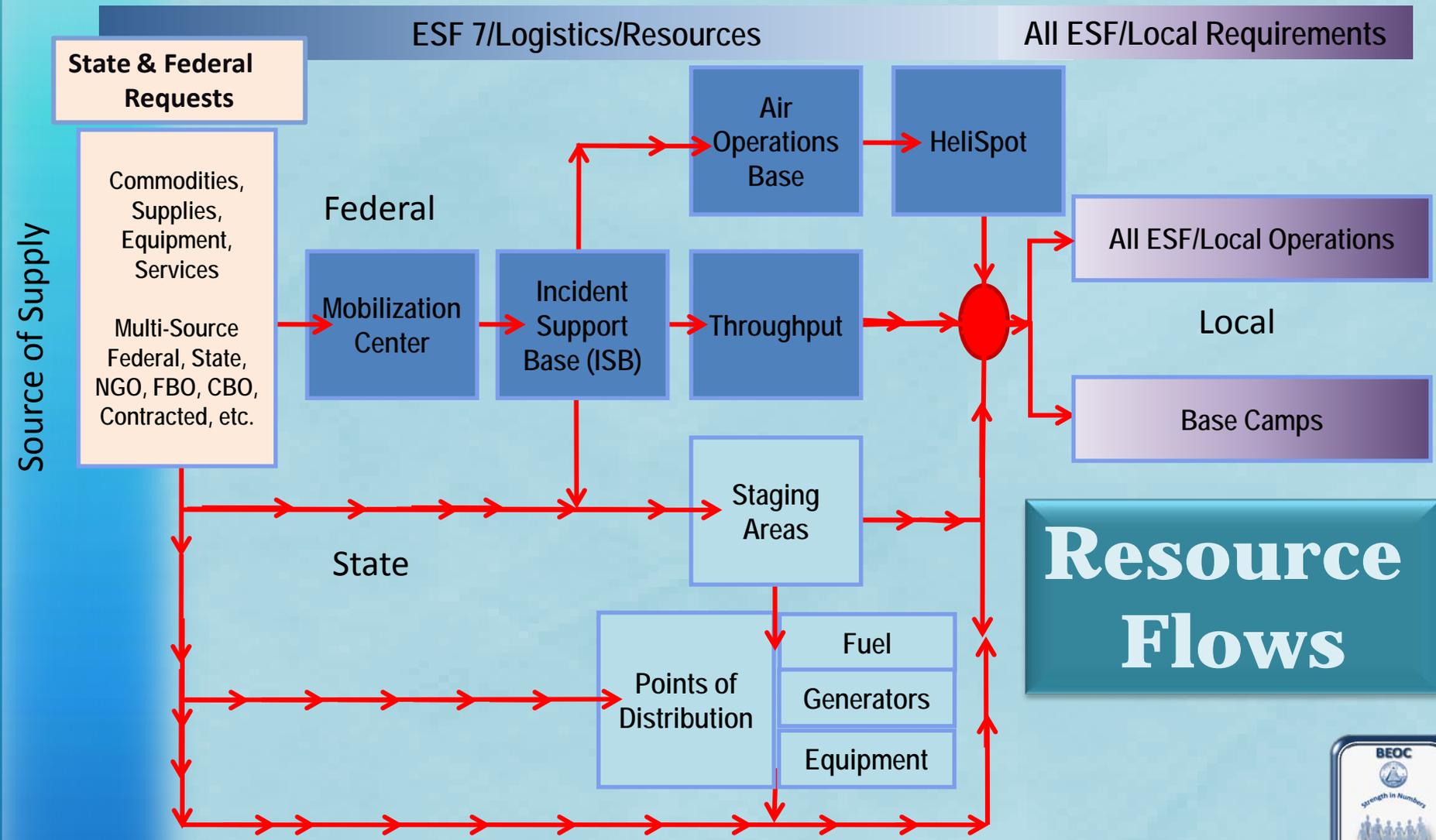
#### ◆ Multiple Sources

- NGO & Faith Based Organizations (ARC, Salvation Army, etc.)
- Donations
- State Executive Departments
- State Contracts
- EMAC
- Federal
- (FEMA, GSA Contracts, USACE, etc.)



# CAPSTONE 14 Exercise Overview

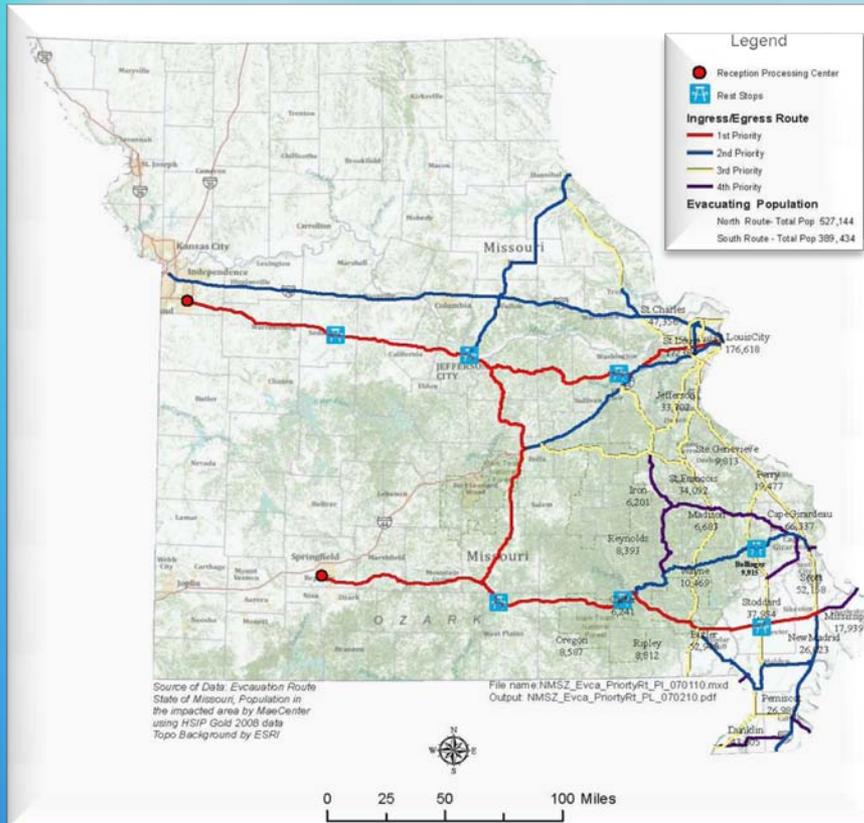
## MO SEMA Concept of Support



# CAPSTONE 14 Exercise Overview

## MO SEMA Concept of Support

# Limited Transportation Routes



## Limited

- Ingress
- Egress
- MSRS
- EVAC



# CAPSTONE 14 Exercise Overview

## MO SEMA Concept of Support

State Logistics/ESF 7 Response



### Base Camps

Water



Power



Portalets



H& Wash



Trailer Bunks



Tent City



Showers



Laundry



Sanitation



# CAPSTONE 14 Exercise Overview

## MO SEMA Concept of Support

### Staging Areas

- ◆ **State Logistics/Responder Staging Area**—  
A State controlled facility/area used to stage & move onward response & recovery resources.

- ◆ **Generally Contains:**

- Management Team
- Security/Safety Team
- Communications
- Material H&ling Equipment & Operator Team(s)
- Mobile Office/Comfort/Sanitation Facilities
- Transportation Assets



# CAPSTONE 14 Exercise Overview

## MO SEMA Concept of Support

### State PODS



◆ **State Point of Distribution (POD) –**  
State sites in the disaster area used to directly distribute supplies, equipment & fuel to state & local responder operations



◆ **Generally Contains:**



- Logistics Management Team
- Security/Safety Team
- Refuel Equipment & Operator Team(s)
- Maintenance Team(s)
- Communications
- Heavy Equipment & Operator Team(s)
- Mobile Office/Comfort/Sanitation Facilities
- Transportation Assets



**Local POD –**  
Local sites in the disaster area used to distribute food, water, ice, etc. directly to citizens.



# 7.7+ MAGNITUDE

## E + 12 Hours

Colored Areas  
Represent  
Sector Boundaries

Green Stars  
Represent  
Communities

FEMA REGION VII  
RRCC

SEOC  
Jefferson City

SACC-C  
Six Flags

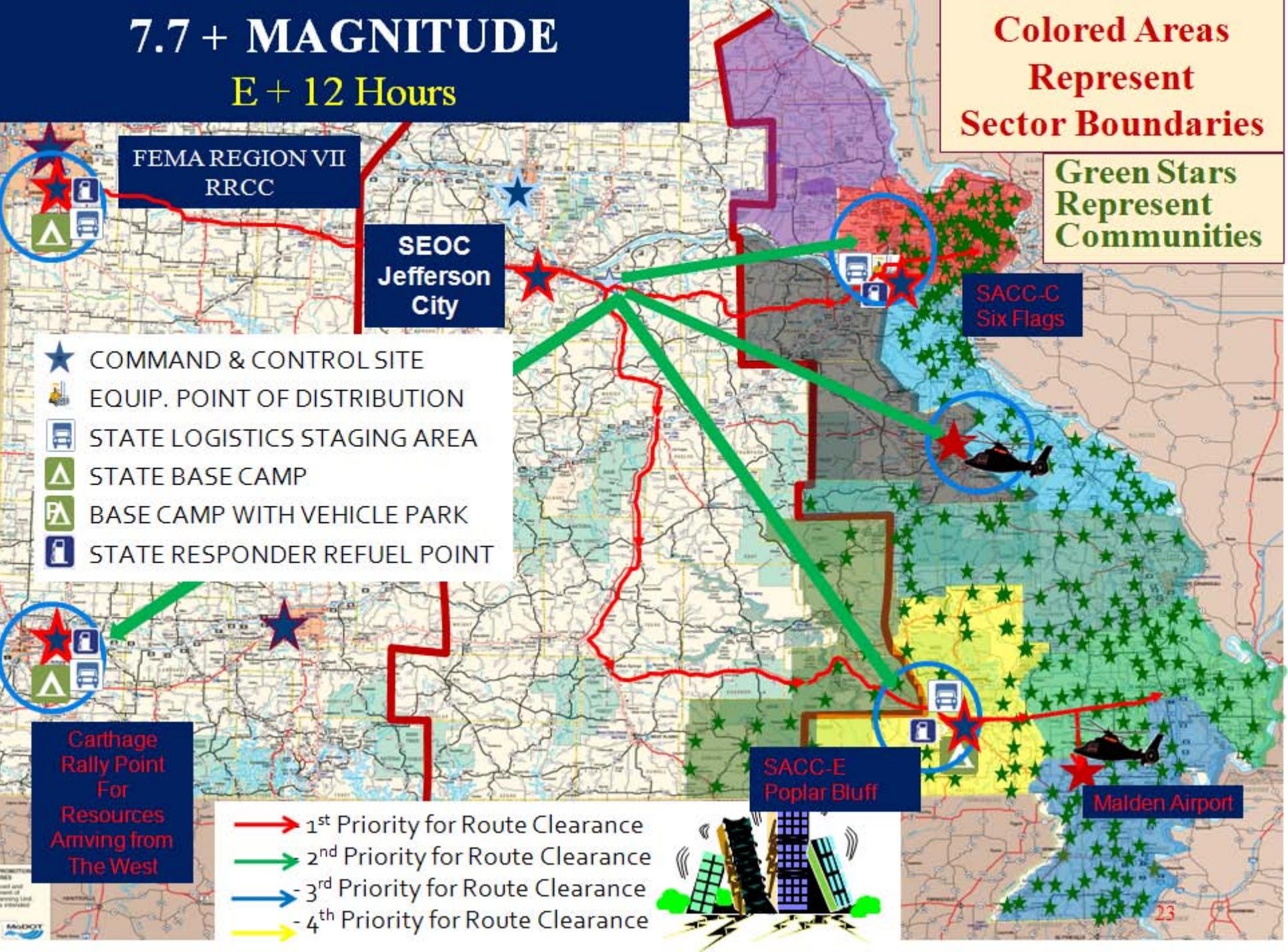
SACC-E  
Poplar Bluff

Malden Airport

- ★ COMMAND & CONTROL SITE
- 🚚 EQUIP. POINT OF DISTRIBUTION
- 🚚 STATE LOGISTICS STAGING AREA
- 🏠 STATE BASE CAMP
- 🏠 BASE CAMP WITH VEHICLE PARK
- 🚛 STATE RESPONDER REFUEL POINT

Carthage  
Rally Point  
For  
Resources  
Arriving from  
The West

- 1<sup>st</sup> Priority for Route Clearance
- 2<sup>nd</sup> Priority for Route Clearance
- 3<sup>rd</sup> Priority for Route Clearance
- 4<sup>th</sup> Priority for Route Clearance



# State Strong Point – Area C

## SIX FLAGS EUREKA, MO

Staging Areas

- Base Camp
- Logistics Staging Area
- Responder Staging Area
- Volunteer Staging Area
- Medical Staging Area
- Response Coordination Site
- State Point of Distribution
- ✓ Generators
- ✓ Heavy Equipment
- ✓ Fuel/Refuel

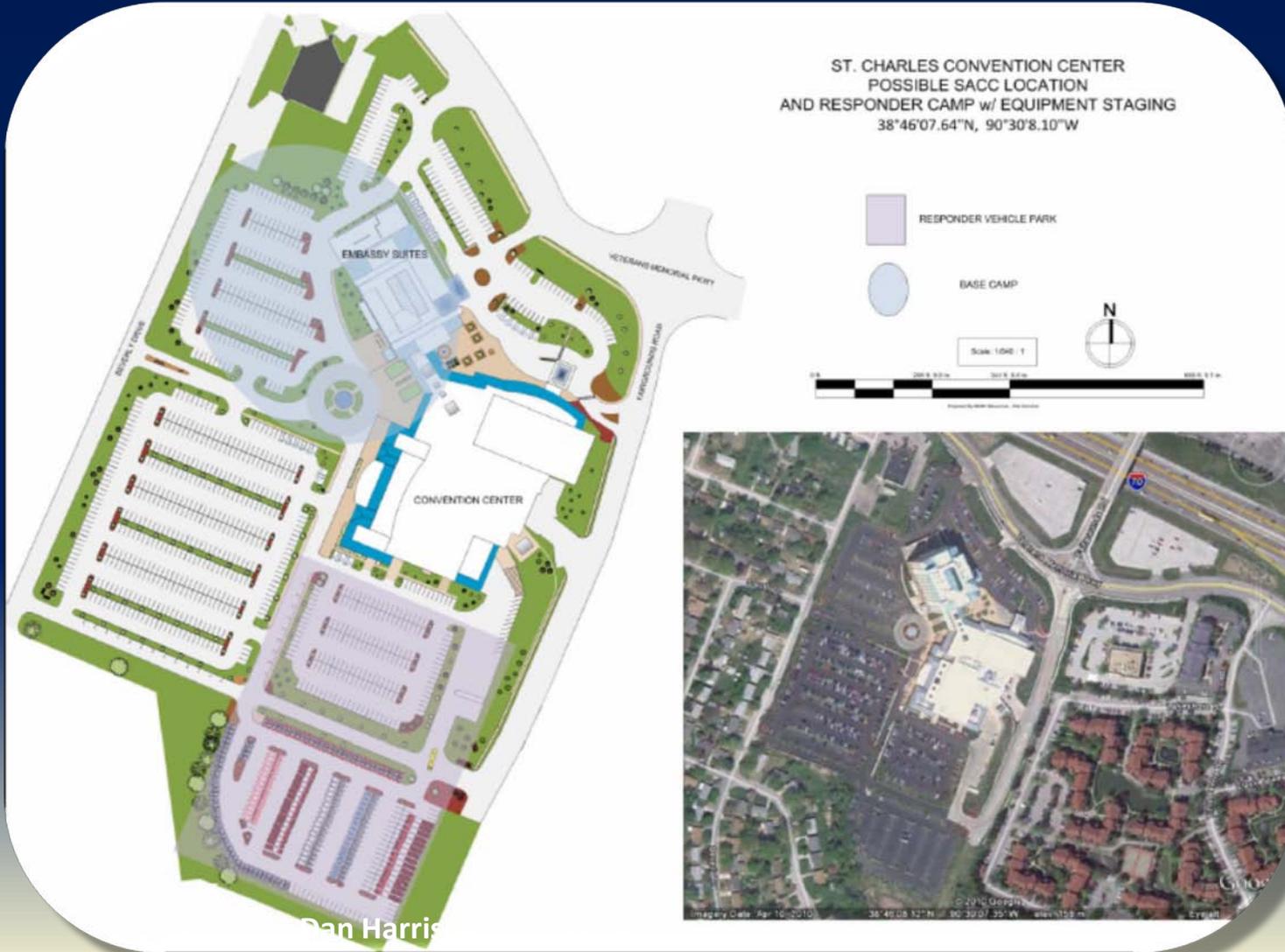
Base Camp

DRAINAGE POND

- STATE LSA
- STATE EQUIP. POD
- BASE CAMP
- RESPONDER PARKING
- HELIBASE/LSA TERMINAL OPS
- POTENTIAL FACILITY EXPANSION OR ADDITIONS

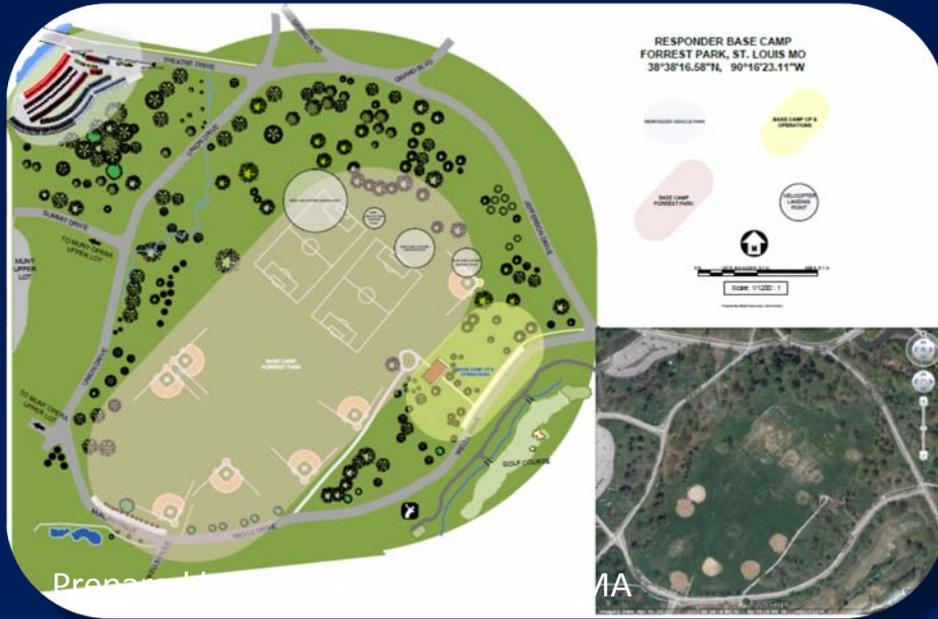


# SACCs/Base Camps/Staging Sites – Area C



San Harris

# State Strong Point – Area C

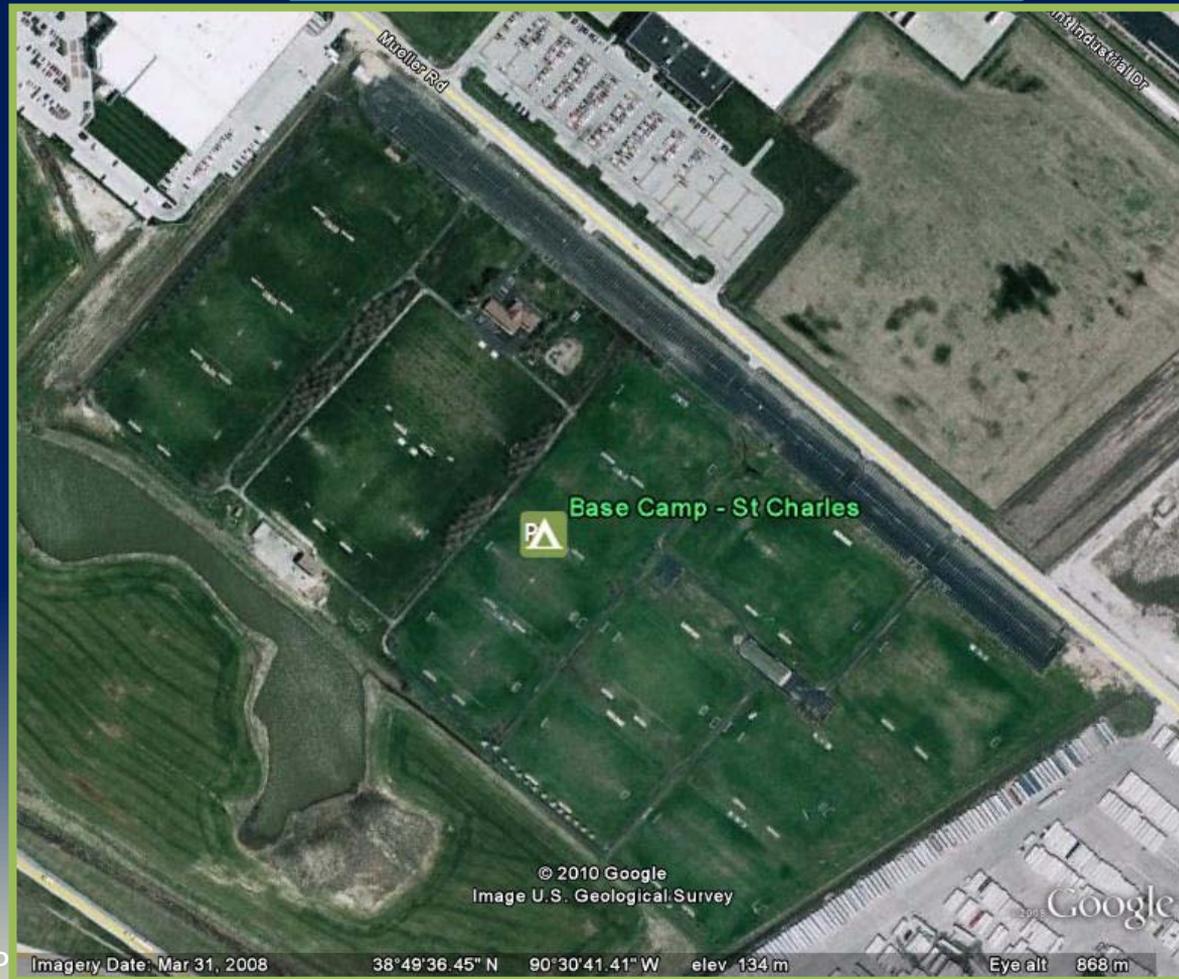


## Forest Park



# Base Camps/Staging Sites – Area C

St. Charles Soccer Field



# Three Rivers Community College

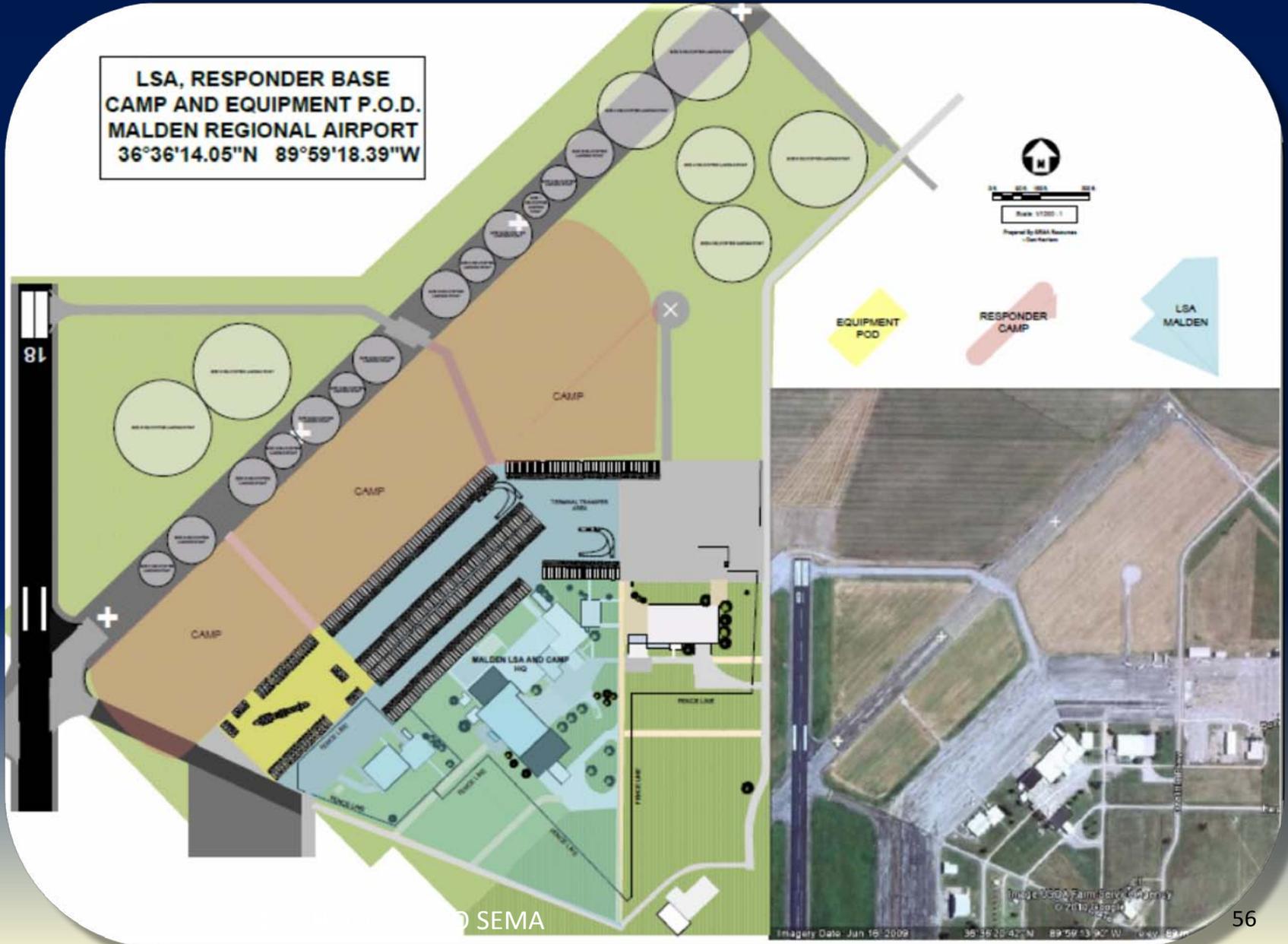


Prepared by: Dan





# State Strong Point – Area E



# State Strong Point – Area E







# FEMA Deployment

◆ **FEMA Mobilization Site (MOB)** – Temporary federal facilities used to receive, stage and move onward the equipment, commodities, and personnel provided to support the disaster response.



◆ **Incident Support Base (ISB)** – Temporary Federal Site for positioning federal resources to be assigned/transferred to State or local Points Of Distribution (PODS).

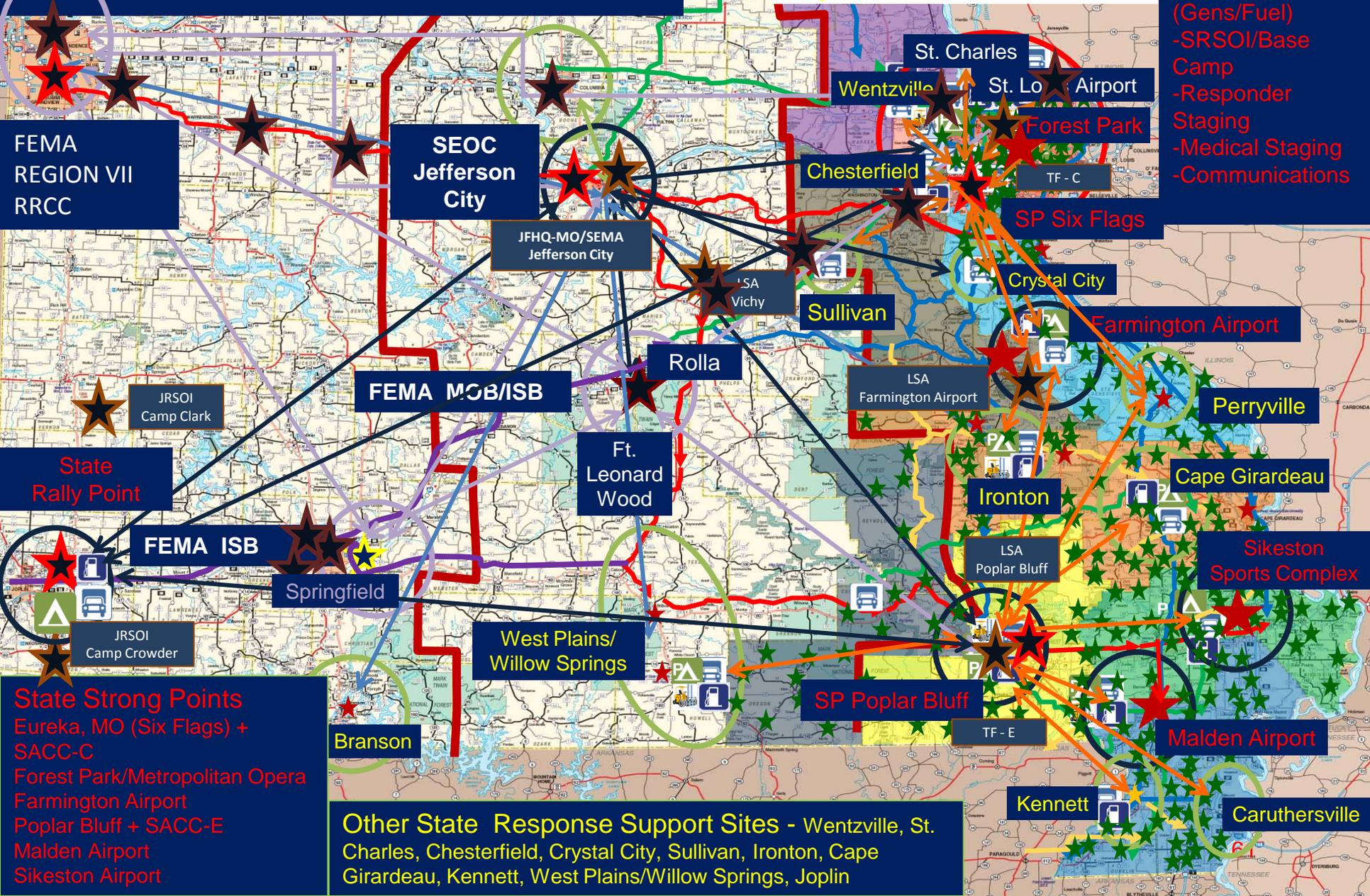


# 7.7 + MAGNITUDE

## E + 120 Hours

- - Main Ingress/Egress/Supply Route
- - 2nd Priority for Route Clearance
- - 3rd Priority for Route Clearance
- - 4th Priority for Route Clearance

- State Strong Points Include
- LSA
  - SPOD (Gens/Fuel)
  - SRSOI/Base Camp
  - Responder Staging
  - Medical Staging
  - Communications



Other State Response Support Sites - Wentzville, St. Charles, Chesterfield, Crystal City, Sullivan, Ironton, Cape Girardeau, Kennett, West Plains/Willow Springs, Joplin

# CAPSTONE 14 Exercise Overview

**Questions?**



# MO BEOC PRE-CAPSTONE 14

## What We Covered

10:00 – 10:30 am

**Welcome/Administrative Announcements/Instructions/Introductions**

10:30 – 11:00 am

**MO BEOC Overview (Plenary)**

- BEOC/SEMA/MOP3/BENS Partnership
- Functions of BEOC - BDRC/CIKRC/ERAC
- BEOC Purpose, Outcomes, & Principals
- National Incident Management System (NIMS) & Other Online Courses

11:00 – 11:45 am

**MO SEOC Overview (Plenary)**

- Voluntary Nature of BEOC participation in the SEOC
- BEOC Participant access to the SEOC during an activation
- Functions & Operations of the SEOC
- Roles of BEOC Association Representatives in the SEOC
- Designated seating w/in the SEOC
- Communication with the BEOC/VBEOC (**WebEOC**, Telephones, Computers, etc.)
- 2-Way information sharing (Damage Reports, **WebEOC Boards**, SITREPS, Priorities, Restorations)
- Disaster contracting
- “Home Rule State” & the importance of local officials during an event
- Resource Requests & Interactions w/SEOC ESFs
- Disaster Donations

11:45 – 12:15 Noon

**CAPSTONE-14 Exercise Functional Overview (Plenary)**

- Plans, Players, Scenario, Damages, Schedules, Rules
- Ameren Transportation Initiative
- WebEOC, Injects, Concept of Response, Priorities



# MO BEOC PRE-CAPSTONE 14

## What will we cover after lunch?

### 1:30 – 3:00 pm Breakout Sessions: Roles of the BEOC Cells

**Business Disaster Response Cell (BDRC)** (Governor's Conference Room)

**Critical Infrastructure & Key Resources Cell (CIKRC)** (SEOC Left)

**External Response Assistance Cell (ERAC)** (SEOC Right)

**3:00 – 3:30 pm General Question & Answer (Plenary)** (SEOC)

**3:30 pm Workshop Completion**

### BEOC

- Functions & observations/tours of the in the SEOC
- Participants interactions with the BEOC/SEOC/ESFs
- Participants interactions with WebEOC
- Exercise injects, damage assessments & area access
- Suggestions, Questions & Concerns



# CAPSTONE 14 Exercise Overview

# Lunch



# CAPSTONE 14 Exercise Overview

## Breakout Sessions

**1:30 – 3:00 pm Breakout Sessions:**

- |   |                                     |
|---|-------------------------------------|
| <b>Business Disaster Response Cell (BDRC)</b>                   | <b>(Governor's Conference Room)</b> |
| <b>Critical Infrastructure &amp; Key Resources Cell (CIKRC)</b> | <b>(SEOC Left)</b>                  |
| <b>External Response Assistance Cell (ERAC)</b>                 | <b>(SEOC Right)</b>                 |

### BEOC

- Functions & observations/tours of the in the SEOC
- Participants interactions with the BEOC/SEOC/ESFs
- Participants interactions with WebEOC
- Exercise injects, damage assessments & area access
- Suggestions, Questions & Concerns



# CAPSTONE 14 Exercise Overview

# Final Questions?

