Kansas Local Emergency Operations Plan
Mapping Annex Guide

OPTIONAL, BUT BENEFICIAL MAP

1. Earthquake Faults Map, if applicable
   - Earthquake fault lines (Kansas Geologic Survey)
   - Historic Earthquakes (USGS)
   - Earthquake – Probabilistic Seismic Hazard (US Dept of Transportation)

2. Floodplain Map (dFIRM or FIRM), if applicable
   - Flood insurance rate map layers (dFIRM)

3. Climate Map (still determining what data layers need to be a part of this map)

4. Public Transportation Map
   - Airports/Helipads (Various – FAA, KDOT)
   - Bus stations
   - Train stations (National Transportation Atlas Database)

5. Bridge Map
   - Bridge locations
     - Federal, State, and Local
       - Include weights/heights/type [KDOT]
     - Local structures – culverts, small structures [local highway depts]

6. Vulnerable Need Populations Map
   - Adult/Child Day Care Centers
   - Educational Institutions
   - Long term care facilities
   - Assisted living centers
   - Nursing facilities
   - Development services housing
   - Psychiatric facilities
   - Hospitals
     - Include trauma levels and bed count

7. Mass Media Communications Map
   - TV broadcast coverage area
   - Radio station coverage area
   - Print media coverage area
     - Include distribution - daily/weekly
   - Tower locations
     - TV broadcasting
     - Radio broadcasting
   - Print media locations
     - Include languages printed in

8. Responder Communication Assets and Coverage Map
   - Warning siren locations – have some
   - Warning siren coverage area
   - Cellular coverage areas
   - Cellular sectors
   - 911/Communication Center locations
     - backup sites
   - Tower locations
     - Cellular
     - 800 MHz (KDOT)
     - Unknown use (vacant)
   - Amateur radio operator locations
   - Storm spotter locations
   - Participating TERT agencies

9. Solid Waste Map
   - Pre-identified temporary Landfill locations (if applicable)
   - Waste transfer station locations
   - Refuge collection company locations

10. Wastewater System Map
    - Wastewater treatment plant locations
    - Wastewater lines
11. Water System Map
- Water treatment plant locations
- Water Tower locations [NOTE: Include all water storage locations]
- Water distribution lines
- Water well locations

12. Storm Water System Map
- Storm water lines
- Storm water outfalls

13. Public Works Assets and Resources Map
- Public Works facilities (including equipment yards) – have some
  o Sub-stations

14. Firefighting Assets Map
- Water collection locations
  o Hydrants
  o Ponds
  o Companies
  o Cache
  o Irrigation wells
- Participating FORCE agencies

15. Emergency Management Assets Map
- Emergency Management Office(s)
  o EOC(s)
  o COOP location(s)
- Donation Management Sites
- Volunteer Reception Center Sites
  o if different than donation management
- Community Emergency Response Team (CERT) member locations
  o work and home
- Community Animal Response Team (CART) member locations
  o work and home
- Volunteer Organizations Active in Disasters (VOAD) member locations
  o work and home

16. Human Mass Care Map
- Local reception and care facility locations
- Temporary shelter locations
  o ADA compliant
  o Capacity chart
- Warming/Cooling center locations
- Alternate Care Site locations [NOTE: for hospital relocation]
- Facilities offering resources [NOTE: for building use and/or equipment use]
- Red Cross offices
- Red Cross coverage areas
- Points of Dispensing (PODS) – Medical
- Medical Reserve Corps team member locations (if applicable)

17. Pet Mass Care Map
- Animal shelter locations – have some
  o Include type of animal and capacity
- Animal control office locations – have some
  o Include kill/no kill and crematorium
- Pet supply stores

18. Logistic Support Assets Map
- Restaurant locations-have some
- Lodging locations (motels/hotels) -have some
- Grocery store/Convenience store locations-have some
- Ice Suppliers
- Hardware Store/Lumber Yard locations-have some
- Rental stores-have some
- Heavy Equipment contractors-have some

19. Mass Fatality Assets Map
- Temporary morgue locations
- Cold storage truck companies
- Funeral Home locations
  o Include capacity
- Crematory locations
20. Health and Medical Provider Locations Map
   - Pharmacy locations—have some
   - Mental health provider locations—have some
   - Behavioral health center locations—have some
   - Durable medical equipment suppliers—have some
   - Doctor office locations—have some
   - Dentist office locations—have some
   - Health department locations
   - Health clinic locations—have some
   - EMS station locations
   - EMS service boundaries—have some
   - Critical Incident Stress Management (CISM) team locations
   - Air ambulance zones
   - Participating MERGe agencies

21. Search and Rescue Assets Map
   - SAR Team locations (statewide & locally trained)
   - Search and Rescue canine and team locations
   - Civil Air Patrol locations

22. Storm Shelters Map
   - Public Storm Shelters
   - Private Storm Shelters

23. Oil and Chemical Production and Storage Sites Map
   - Gas and oil well locations
   - Radiological source locations

   - Hazmat team locations—have state fire marshal teams
   - Decontamination locations

25. Land Cover Map
   - Land Cover

26. Historic and Sensitive Sites Map
   - Historic sites
   - Archeological sites
   - Protected/endangered species locations
   - Whooping crane corridor
   - Wildlife Refuges/State and Federal Parks

27. Agriculture Producers Map
   - Livestock concentration sites
     - Swine, cattle, poultry, sheep, goats, horses, dairy, elk, exotic, game birds

28. Food Safety Producers Map
   - Rendering plants
   - Meat packing plants
     - Including custom
   - Grain elevators
   - Livestock markets

29. Agricultural Response Assets Map
   - Pre-determined burial sites [KDHE]
   - Animal feed suppliers
   - Livestock receiving sites
   - Veterinarian clinics—have some
   - Fairgrounds
   - Stop movement locations
   - Pet stores

30. Electrical Supply Map
   - Priority restoration sites
   - Electric substations and power plants—have some
   - Electric transmission lines (distribution lines)—have some
   - Wind farms—have some
     - Transmission lines
     - Turbines
     - Wind Energy Conversion (WEC)–privately owned
   - Critical/Essential Facilities with back-up generators—have some
     - Include requirements
31. Natural Gas Distribution Map
   - Gas distribution lines-have some

32. Fueling Locations Map
   - Gas stations-have some

33. Public Safety and Security Assets Map
   - Private security providers locations
   - Correctional facilities
   - Tactical Response team locations (include type)
     - EODs
     - Bomb Squads
   - K-9 asset locations (include type)
   - National Guard sites
   - Participating LEAD agencies

34. Long Term Recovery Map
   - Economic Development offices and areas
   - Rural County Development districts

35. External Affairs and Public Information Assets Map
   - Fixed Message Boards
   - Predetermined Media Staging Areas
   - Joint Information Center locations and alternates

36. Dam Inundation Maps (one for each dam with safety plan) – will NOT be a part of LEOPard as they are usually not in GIS format.