

**JOHNSON COUNTY, KANSAS  
EMERGENCY OPERATIONS PLAN**

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**ESF3-Public works and Engineering**

**Planning Team**

### **Purpose**

This ESF Annex provides guidance for the organization of public works and engineering resources to respond to and recover from emergency events causing damage to public buildings, roads, bridges, and other facilities that will have to be repaired, reinforced or demolished to ensure safety and allow for emergency response activities. Specifically, it addresses:

- Infrastructure protection and emergency restoration
- Safety inspections and other assistance for first responders
- Engineering and construction services
- Liaison with State and Federal resources
- Debris management operations

### **Scope**

This ESF Annex is designed to provide a flexible organizational structure capable of meeting the varied requirements of many emergency scenarios with the potential to require activation of the Emergency Operations Center (EOC) and implementation of the County Emergency Operations Plan (CEOP).

ESF #3 is a functional annex to the CEOP and to the extent possible, information contained in other sections of the CEOP will not be repeated in this document.

### **Policies**

ESF #3 applies to all agencies and organizations with assigned emergency responsibilities as described in the CEOP.

The ESF #3 Coordinator and the support agencies are critical members of the EOC Team and will work within the EOC structure described in ESF #5 – Emergency Management.

County burn bans are to be reported to the Kansas Division of Emergency Management through the County Emergency Management office.

Cities may establish their own ordinances, provided those ordinances are not less restrictive than existing county regulations.

### **Concept of Operations**

#### **General**

The **INSERT AGENCY** is designated as the coordinator for ESF #3. As ESF coordinator, **INSERT AGENCY** coordinates meetings, plans, exercises, training, and other activities with, the private sector, and the ESF #3 support agencies.

The Incident Commander(s) will assess the need for public works and engineering resources at the scene(s) and request that the EOC deploy available assets to support emergency operations. The ESF #3 Coordinator will work with the EOC Team to rapidly assess these requests and recommend appropriate actions.

Public works and engineering resources available to the County will be used as necessary to accomplish emergency tasks, including but not limited to:

- Ensuring the safety of emergency responders and victims
- Assessing damaged infrastructure
- Restoring and protecting critical roads and bridges
- Repairing critical public buildings, bridges and other infrastructure

County and city governments have very limited capabilities to provide emergency power.

County and city governments have very limited capabilities to provide potable water.

As needed, **INSERT AGENCY** will make emergency repairs to critical wastewater facilities, equipment and systems. Additionally, **INSERT AGENCY** will assist ESF #3 in the County EOC by providing assistance for debris removal & disposal activities, and by providing a “rapid assessment” of damage sustained to wastewater facilities, equipment and systems.

County/city public works departments will provide personnel and equipment for debris removal & disposal, temporary construction, etc.

**INSERT AGENCY** will assist with sanitation needs, as required, including trash removal, transportation and placement of portable toilets.

Public Works personnel are trained only to the Awareness Level as prescribed by 29 CFR 1910.120. They can assist HAZMAT Response teams in a support capacity, but not to exceed the extent of their training.

**INSERT AGENCY** will perform inspections on school buildings, recreational facilities and public buildings.

Once landfills, temporary staging areas and/or reduction sites are determined, transportation routes to these facilities will be included in debris disposal announcements to the public. Considerations for route selection will include truck size, length of haul, traffic patterns, road conditions and facility access. Designated routes for

hazardous materials, if any, will be included.

Timely information will be provided to the public on the magnitude of the situation, as well as the sequence of debris removal & disposal operations. Public officials and environmental groups should be briefed on the burning methods used, how the systems work, environmental standards, and associated health issues and risks.

Incidents of illegal dumping or the locations of illegal dump sites should be reported to the law enforcement agency in that jurisdiction.

Debris removal activities will be prioritized in the following order:

- Threats to Public Health & Safety
  - Debris as threat to lives, public health, and safety, including debris which obstructs passage of emergency vehicles and access to critical facilities
- Prevention of Damage
  - Debris posing the threat of significant additional damage to public structures (buildings, roads, etc.), or private property
- Speedy Recovery
  - Debris hindering the economic recovery of the impacted community
- Debris on Private Property
  - The property owner is responsible
  - Most homeowner fire and extended coverage insurance policies have special coverage for debris removal and for demolition of heavily damaged structures
  - Specific guidance with respect to debris pick-up may be provided to the public following disaster or emergency
- Right of Entry
  - Should local governmental resources be used to remove debris from private property when it poses a hazard to public health or safety, a right of entry agreement will be executed with the property owner. The right of entry agreement shall include a waiver of liability for government workers and specify any known owner intent to rebuild, to ensure that the foundation and utilities are not damaged further during debris removal operations.

Sites selected for temporary debris staging & reduction will be on public property with sufficient acreage to handle anticipated needs. Selection criteria will include minimum noise impact, adequate traffic flow and environmental considerations.

Decisions on an ultimate disposal site (or sites) will be based upon the type(s) of debris involved, the proximity of existing public or private landfills, and any restrictions or capacity limits on their use.

Prior to returning temporary debris staging & reduction sites to their previous use, all federal, state and local environmental requirements must be met:

- Removable of Debris
  - Sites must be cleared of all foreign materials introduced as a result of the incident
- Environmental Assessment
  - An environmental assessment or audit may be conducted by the Environmental Department, Kansas Department of Health & Environment and/or the Environmental Protection Agency to establish the need for a testing or monitoring program. This assessment should be done on ash, soil, ground & surface water
- Environmental Restoration
  - Contamination may occur from petroleum spills at staging & reduction sites, or runoff from the debris piles, burn sites, and ash piles assessment reports from the cities, consolidate this information and report it to the ESF #3 Coordinator in the County EOC.

County/city public works departments maintain a listing of Public Works Department owned equipment and trained operators including equipment, personnel and supplies. **INSERT AGENCY** maintains lists of local contractors and equipment rental businesses, including those qualified to remove hazardous materials, substances or wastes, asbestos and lead-based paint.

### Organization

The County Emergency Operations Center (EOC) will serve as the central location for interagency coordination and executive decision-making, including all activities associated with ESF #3.

The ESF #3 team members are critical members of the EOC Team and will work within the EOC structure as described in ESF #5 – Emergency Management.

The **INSERT AGENCY**

is responsible for coordinating public works activities and resources in the unincorporated areas of the county. In the incorporated areas, the cities are responsible for this coordination, with the county providing secondary support if needed and available.

The **INSERT AGENCY** is responsible for coordinating debris removal and disposal in the unincorporated areas of the county. For the incorporated areas, the cities are responsible for this coordination, with the county providing

secondary support if needed and available. In emergency situations, where limited local resources may require centralized coordination & prioritization, ESF #3 will assume this responsibility in the CountyEOC.

Current listings of local resources available for debris removal and disposal must be maintained.

### **Notifications**

The Emergency Management Department will notify the County Public Works Director or designee, of CountyEOC activations and request that a representative report to serve as the ESF #3 Coordinator. As additional EOC staffing needs become apparent, other agency representatives may be asked to report to the EOC.

### **Actions**

#### **Preparedness**

- Maintain this ESF Annex, as well as supporting guidelines and operating procedures.
- Review all portions of the CEOP to ensure proper coordination of public works and engineering activities.
- Ensure public works and engineering personnel receive appropriate emergency operations training.
- Establish contact with private resources that could provide support during an emergency.
- Participate in emergency training and exercises.

#### **Response**

- Provide public works and engineering support on a priority basis as determined by the CountyEOC and the Incident Commander(s).
- Provide representative to the CountyEOC as requested.
- Inspect damage to streets, bridges, and public buildings.
- Support decontamination as necessary.
- Clear roads to facilitate emergency operations.
- Close roads and construct barricades as directed.
- Make recommendations on priority of repairs.
- Request outside assistance from surrounding jurisdictions and the private sector as required.
- Conduct other specific response actions as dictated by the situation.

#### **Recovery**

- Continue to repair infrastructure and buildings on a priority basis.
- Continue all activities in coordination with the EOC based on the requirements of the incident.
- Participate in after-action reports and critiques.
- Make necessary changes in this ESF Annex and supporting plans and procedures.
- Recommend changes in planning, zoning, and building codes to prevent or lessen the effect of future disasters.

#### **Prevention**

- Participate in hazard identification process and identify and correct vulnerabilities in the public works system.

### Direction and Control

The ESF #3 Public Works and Engineering Coordinator in the County EOC will:

- Coordinate all responding public and private Public works and engineering resources and work with the EOC Team to ensure required emergency tasks can be accomplished.
- Assess the need for outside public works and engineering resources to support emergency operations and request assistance as needed.
- Serve as liaison with private contractors and if necessary, with State and Federal public works and engineering resources.
- Work with the those responsible for damage assessment to ensure that appropriately trained personnel are deployed to assess damage to all roads, bridges, public buildings and other potentially affected infrastructure.
- Ensure public works and engineering personnel deployed to the disaster scene(s) are appropriately outfitted with and trained to use personal protective equipment required by the presence of any potentially hazardous materials/substances.
- Work with the Support Agencies and private contractors to facilitate debris clearance, collection, reduction and disposal.

### **Responsibilities**

**All tasked agencies will:**

- Develop applicable standard operating procedures, guidelines and/or checklists detailing the accomplishment of their assigned functions.
- When requested, deploy a representative to the County EOC to assist with ESF #3 activities.
- Provide ongoing status reports as requested by the Public Works and Engineering Coordinator.
- Maintain updated resource inventories of supplies, equipment, and personnel resources, including possible sources of augmentation or replacement.
- Document all costs and expenses associated with response and recovery activities taking care to clearly segregate disaster related work in the event that reimbursement becomes available from the State and Federal government.
- Maintain up-to-date rosters for notifying personnel and 24-hour EOC staffing capabilities.
- Accomplish other emergency responsibilities as assigned.

**INSERT SPECIFIC LOCAL RESPONSIBILITIES IN SUPPORT OF ESF #3 BELOW -- SEE STANDARD TEXT FOR SUGGESTIONS**

### **Administration and Support**

#### Support

Requests for emergency assistance will be resolved at the lowest level direction and control facility with appropriate

response resources capabilities. Unresolved assistance requests will normally flow upward from cities to the county, and/or field deployed command posts to responsible representatives in the State Emergency Operations Center (SEOC), and as required to other states or the federal government for assistance support.

### **Agreements and Understandings**

All agreements and understandings entered into for the purchase, lease, or otherwise use of equipment and services, will be in accordance with the provision of laws and procedures.

The Proclamation of a State Disaster issued by the Governor may suspend selected rules and regulations that affect support operations. The primary agency will determine the specific impact of the situation and inform the ESF group members.

### **Status Reports**

The primary agency will maintain status of all outstanding assistance requests and unresolved ESF-related issues. This information will be summarized into periodic status reports and submitted in accordance with applicable operating procedures.

### **Expenditures and Recordkeeping**

Each ESF agency is responsible for establishing administrative controls necessary to manage the expenditure of funds and to provide reasonable accountability and justification for federal reimbursement in accordance with the established guidelines.

The first source of funds for expenditures by agencies in response to an emergency, imminent disaster, or recovery from a catastrophic incident, is to be from funds **INSERT LOCAL FUNDING SOURCE**.

Following the conclusion of any significant emergency event/incident or exercise, the primary agency representative will conduct a critique of the group activities during the event/incident/exercise.

Support agencies will provide written and/or oral inputs for this critique and the primary agency representative will consolidate all inputs into a final report and submit it to the County Emergency Management Director.

### Critiques

Following the conclusion of any significant emergency event/incident or exercise, the primary agency representative will conduct a critique of the group activities during the event/incident/exercise.

Support agencies will provide written and/or oral inputs for this critique and the primary agency representative will consolidate all inputs into a final report and submit it to the County Emergency Management Director.

### **Attachments**

- Map depicting landfills and potential temporary debris storage and reduction sites

[INSERT DOCUMENT](#)

- List of public works and engineering resources

[INSERT DOCUMENT](#)

- Suppliers

[INSERT DOCUMENT](#)

- Services/contracts

[INSERT DOCUMENT](#)

- Equipment

[INSERT DOCUMENT](#)

- Actions By Timeframe

[LINK TO CHECKLIST](#)