



# Harvey County, Kansas Emergency Operations Plan

## ESF 3 - Public Works and Engineering

### **Coordinating Agency:**

Harvey County Road & Bridge

### **Primary Agencies:**

Newton Public Works

### **Support Agencies:**

City of Burrton

City of Halstead

City of Hesston

City of Newton

City of North Newton

City of Sedgwick

City of Walton

Harvey County Emergency Management

Harvey County Sheriff Office/Detention Center

Kansas Department of Transportation

Kansas Highway Patrol

Kansas National Guard

## I. Purpose and Scope

### 1.1 Purpose

The purpose of the ESF 3 Public Works and Engineering Annex is to establish how public works and engineering activities will be coordinated to meet the needs generated by disasters affecting Harvey County.

### 1.2 Scope

This ESF Annex addresses the 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; and
- Debris management operations.

In a large event requiring local or State mutual aid assistance, ESF 3 will work with its support agency counterparts to seek and procure, plan, coordinate and/or direct the use of required assets. Throughout the response and recovery periods, ESF 3 will evaluate and analyze information regarding public works and engineering service requests for response, develop and update assessments of the impacted area, and undertake contingency planning to meet anticipated demands or needs.

Critical infrastructure located in the 100-year flood plain includes USD #439 Sedgwick Public Schools and Diversicare-Sedgwick (long term care facility). These are the only critical infrastructure located in the 100-year flood plain. Roads throughout the county will take on water at time depending on the amount of rainfall received.

The City of Halstead has a U.S. Army Corps of Engineers levy, and the city follows the guidance of the Corps. The city and county have no specific regulation of their own concerning the flood gates. The City of Halstead has pre-determined locations for water transfer during flooding. The city has three (3) 2,000 GPM PTO-driven pumps and two (2) tractors to run the pumps. If the third pump needs to be put in operation the city will rent the tractor to power the pump. Fuel procurement will be handled through normal purchasing agreements of the city.

Location and specification of sandbagging operations is handled by the local municipality. Cities coordinate the purchase, and stock sandbags as anticipated. Locations can shift depending on the location of the flood. The cities of Halstead and North Newton, along with Harvey County Road & Bridge always maintain a supply of empty sandbags on hand. Sandbags, when needed, are typically filled on-site at a public works facility utilizing sand that is on location.

This ESF Annex includes information that addresses: 1) the four phases of emergency

management; 2) stakeholders including those with functional and access needs and children; 3) incident management procedures including organizational charts, as appropriate; and 4) all hazards planning. This ESF Annex applies to all county, city and participating agencies with assigned emergency responsibilities as described in the Section 3, Responsibilities. The public works and engineering functions addressed in ESF 1 Transportation, ESF 12 Energy & Utilities, and ESF 14 Long-term Community Recovery are not covered in this ESF. This annex benefits Harvey County through coordination with partner agencies and the public. This annex specifically addresses:

- Command, Control, and Notification including the roles of County and City agencies with emergency responsibilities and their working relationships with the volunteer agencies providing emergency management services;
- 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 Emergency Operations Plan (EOP);
- Many of the government departments and participating private companies involved in public works and engineering activities have existing emergency plans and procedures. ESF 3 Annex is not designed to take the place of these plans, rather it is designed to complement and support the departmental staffing and procedures already in place.

## II. Concept of Operations

This section provides a narrative description summarizing the Concept of Operations for the following ESF 3 activities: 1) Command, Control, and Notification, 2) Debris Management, 3) Continuity of Operations/Repair/Restore, and 4) Public Notification

The narrative portions of this section provide summarized overviews for the topics listed above. Section 3 provides the detailed actions organized by agency detailing their ESF 3 responsibilities.

### **2.1 Command, Control, and Notification**

Harvey County Road and Bridge is the Coordinating Agency for ESF 3. The ESF 3 Coordinator is responsible for contacting ESF 3 primary and support agencies as well as providing briefings and direction for initiation of emergency management activities in support of emergency operations.

When a determination is made to activate the EOC, the ESF 3 Coordinator is also responsible for contacting the primary and support agencies with liaison roles including adjacent counties and the State and briefing them on the situation. The ESF 3 Coordinator will provide departments with the designated methods/timeframes for submitting data/information and updates to the EOC regarding processes and protocols. This includes the protocols for local landfills, temporary debris storage, reduction sites, inspecting the safety of structures (public and private), inspecting the safety of the environment, and responding to sanitation needs.

The ESF 3 Coordinator will manage the collection, processing, and dissemination of ESF 3-related information to and from the EOC. WebEOC will be utilized as the

preferred method to disseminate information.

During an activation of the State of Kansas EOC, the Adjutant General's Office, Kansas Division of Emergency Management in coordination with Kansas Department of Transportation is the designated lead agency for State public works and engineering services and will provide a liaison to facilitate requests for public works and engineering service resources to local Emergency Operations Centers.

## **2.2 Debris Management**

The *Harvey County Debris Management Plan* describes the response and recovery activities of debris management actions during an emergency or disaster. The objectives of debris management are to:

- Reopen roads and provide access to facilities that provide essential government and population support services;
- Reduce the volume of debris going to disposal facilities to extend the life of those facilities and reduce costs; and
- Ensure hazardous materials are segregated from other debris and disposed of properly.

ESF 3 is responsible for coordinating debris removal, including snow and ice from roadways and debris and ice from streams, and disposal of debris in the unincorporated areas of Harvey County.

Clearing roadways of debris is a priority to ensure emergency responder access and for access to facilities that provide essential services to the population, including those with functional needs. Facilities that provided essential services include, but are not limited to; government offices, congregate care facilities such as childcare centers, group homes, assisted living centers and nursing homes. Every effort will be made to clear debris to persons with functional and access needs. Coordination will be required with the government, volunteer and community agencies described further ESF 6 – Mass Care, Housing and Human Services.

In situations where local resources become limited, centralized coordination and/or prioritization is needed, ESF 3 will activate. The ESF 3 team, in conjunction with the EOC Director, will assume responsibility for coordination and prioritization of resources.

For hazardous material debris, the jurisdictional public works departments or a designated contractor will remove this debris with direction from ESF 10. The Harvey County Public Health Department can provide technical assistance regarding public health hazards relating to debris.

The Kansas Division of Emergency Management can assist with contracts and reimbursement documentation for debris removal costs if the emergency becomes a state or federal declaration. Technical assistance is available from Kansas Department of Health & Environment, Bureau of Waste Management regarding the issuance of permits and granting land-use approvals for temporary landfills. Jurisdictional Public Works departments will coordinate public works activities within their jurisdiction according to their own departmental policies and guidelines.

### **2.3 Continuity of Operations/Repair/Restore**

The process and protocol to repair and restore infrastructure will be coordinated with ESF 14. Repair and restoration of roads, bridges and culverts are the responsibility of jurisdictions having authority including Kansas Department of Transportation. Jurisdictions having authority will be responsible to repair and restore local drinking water and provide temporary water distribution. Jurisdictions having authority will repair and restore wastewater systems.

### **2.4 Public Notification**

The Department of Health and Human Services has identified English as the primary language and Spanish as the secondary language spoken in households within Harvey County. Harvey County Communications and Harvey County Health Department utilizes LanguageLine Solutions when local translators are not available.

Text-to-911 has the ability to send a text message to reach 911 emergency call takers from a mobile phone or device. Harvey County Communications has the ability to receive and maintains the equipment to receive Text-to-911 messages.

The Kansas Relay Center (KRC) facilitates communication with Kansans that have hearing and/or speech disabilities. These persons communicate with a telecommunications device for the deaf (TDD), a combination telephone/typewriter that enables the individual to type out his or her portion of the conversation. Other forms of TDDs include teletypewriters and compatible personal computers with modems. Harvey County Communications also has the ability to communicate with persons utilizing TDD on their consoles.

### III. Responsibilities

The following list identifies the responsibilities designated to each agency/organization for this ESF. The Coordinating and Primary Agency and their responsibilities are listed first. The Supporting Agencies follow in alphabetical order.

<b>Coordinating: Harvey County Road &amp; Bridge</b>	
<b><i>Preparedness (Pre-Event) Actions for ESF 3 - Public Works and Engineering</i></b>	
1	Identify who is responsible for initial notification of ESF-3 personnel.
2	Identify responsibilities for liaison roles with State and adjacent county transportation officials.
3	Develop standard operating guides and checklists to support ESF-3 activities.
4	Develop and maintain ESF-3 Annex.
5	Develop mutual aid and other support agreements with surrounding jurisdictions and the private sector.
6	Identify established pre-disaster contracts.
<b><i>Response (During Event) Actions for ESF 3 - Public Works and Engineering</i></b>	
1	Designate personnel to coordinate ESF-3 activities in EOC.
2	Manage the collection, processing, and dissemination of information between ESF-3 and EOC or incident command.
3	Provide field support for emergency responders at the scene.
4	Participate in EOC briefings, incident action plans, situation reports and meetings to support ESF 3.
5	Inspect damage to roadways, bridges, and private and public buildings.
6	Assist in clearance of debris from roads to facilitate emergency operations.
7	Coordinate with ESF-1 to facilitate closing roads and constructing barricades.
8	Perform priority repairs of local roads, bridges, and culverts.
9	Request outside assistance from surrounding jurisdictions and the private sector as required.
10	Designate personnel to provide technical assistance on the debris removal process.
11	Coordinate with ESF 10 on hazardous material debris removal.
12	Identify who is responsible for initial notification of ESF-3 personnel.
13	Identify responsibilities for liaison roles with State and adjacent county transportation officials.
<b><i>Recovery (Post Event) Actions for ESF 3 - Public Works and Engineering</i></b>	
1	Continue to perform tasks necessary to expedite restoration and recovery operations.
2	Evaluate response and recommend changes to ESF-3 Annex to correct shortfalls and improve future response activities.
3	Participate in after action meetings and prepare after action reports as requested.
4	Continue to repair infrastructure and buildings on a priority basis.
5	Coordinate with damage assessment teams to condemn, demolish, and dispose of

	structures that present a safety hazard to the public.
6	Assist in clearance of debris from roads to facilitate emergency operations.
7	Perform priority repairs of local roads, bridges, and culverts.
<b>Mitigation Actions for ESF 3 - Public Works and Engineering</b>	
1	Provide ESF-3 representative for update of mitigation plan.

<b>Primary: Newton Public Works</b>	
<b>Response (During Event) Actions for ESF 3 - Public Works and Engineering</b>	
1	Participate in EOC briefings, incident action plans, situation reports and meetings to support ESF 3.
2	Inspect damage to roadways, bridges, and private and public buildings.
3	Assist in clearance of debris from roads to facilitate emergency operations.
4	Perform priority repairs of local roads, bridges, and culverts.
<b>Recovery (Post Event) Actions for ESF 3 - Public Works and Engineering</b>	
1	Assist in clearance of debris from roads to facilitate emergency operations.
2	Perform priority repairs of local roads, bridges, and culverts.
<b>Mitigation Actions for ESF 3 - Public Works and Engineering</b>	
1	Provide ESF-3 representative for update of mitigation plan.

<b>Supporting: City of Burrton</b>	
<b>Preparedness (Pre-Event) Actions for ESF 3 - Public Works and Engineering</b>	
1	Identify responsibilities for liaison roles with State and adjacent county transportation officials.
2	Develop standard operating guides and checklists to support ESF-3 activities.
3	Develop and maintain ESF-3 Annex.
4	Develop mutual aid and other support agreements with surrounding jurisdictions and the private sector.
5	Identify established pre-disaster contracts.
6	Identify sandbagging operation procedures and water transfer pump placement, size and fuel procurement strategy.
<b>Response (During Event) Actions for ESF 3 - Public Works and Engineering</b>	
1	Manage the collection, processing, and dissemination of information between ESF-3 and EOC or incident command.
2	Provide field support for emergency responders at the scene.
3	Participate in EOC briefings, incident action plans, situation reports and meetings to support ESF 3.
4	Inspect damage to roadways, bridges, and private and public buildings.
5	Assist in clearance of debris from roads to facilitate emergency operations.
6	Coordinate with ESF-1 to facilitate closing roads and constructing barricades.
7	Perform priority repairs of local roads, bridges, and culverts.
8	Perform priority repairs to local water and wastewater systems.



9	Request outside assistance from surrounding jurisdictions and the private sector as required.
10	Designate personnel to provide technical assistance on the debris removal process.
11	Identify responsibilities for liaison roles with State and adjacent county transportation officials.
<b>Recovery (Post Event) Actions for ESF 3 - Public Works and Engineering</b>	
1	Continue to perform tasks necessary to expedite restoration and recovery operations.
2	Evaluate response and recommend changes to ESF-3 Annex to correct shortfalls and improve future response activities.
3	Provide documentation for possible financial reimbursement process for recovery activities.
4	Participate in after action meetings and prepare after action reports as requested.
5	Continue to repair infrastructure and buildings on a priority basis.
6	Provide personnel to support damage assessment teams.
7	Coordinate with damage assessment teams to condemn, demolish, and dispose of structures that present a safety hazard to the public.
8	Assist in clearance of debris from roads to facilitate emergency operations.
9	Perform priority repairs of local roads, bridges, and culverts.
<b>Mitigation Actions for ESF 3 - Public Works and Engineering</b>	
1	Recommend changes in planning, zoning, and building codes to prevent or lessen the effect of future disasters.
2	Identify critical facilities and recommend mitigation activities to those facilities.
3	Participate in the hazard identification process and identify and correct vulnerabilities.
4	Participate in mitigation planning team meetings and work with local emergency management to promote community preparedness.
5	Provide ESF-3 representative for update of mitigation plan.

**Supporting: City of Halstead**

**Preparedness (Pre-Event) Actions for ESF 3 - Public Works and Engineering**

1	Identify responsibilities for liaison roles with State and adjacent county transportation officials.
2	Develop standard operating guides and checklists to support ESF-3 activities.
3	Develop and maintain ESF-3 Annex.
4	Develop mutual aid and other support agreements with surrounding jurisdictions and the private sector.
5	Identify established pre-disaster contracts.
6	Identify sandbagging operation procedures and water transfer pump placement, size and fuel procurement strategy.

**Response (During Event) Actions for ESF 3 - Public Works and Engineering**

1	Manage the collection, processing, and dissemination of information between ESF-3 and EOC or incident command.
2	Provide field support for emergency responders at the scene.





3	Participate in EOC briefings, incident action plans, situation reports and meetings to support ESF 3.
4	Inspect damage to roadways, bridges, and private and public buildings.
5	Assist in clearance of debris from roads to facilitate emergency operations.
6	Coordinate with ESF-1 to facilitate closing roads and constructing barricades.
7	Perform priority repairs of local roads, bridges, and culverts.
8	Perform priority repairs to local water and wastewater systems.
9	Request outside assistance from surrounding jurisdictions and the private sector as required.
10	Designate personnel to provide technical assistance on the debris removal process.
11	Identify responsibilities for liaison roles with State and adjacent county transportation officials.
<b>Recovery (Post Event) Actions for ESF 3 - Public Works and Engineering</b>	
1	Continue to perform tasks necessary to expedite restoration and recovery operations.
2	Evaluate response and recommend changes to ESF-3 Annex to correct shortfalls and improve future response activities.
3	Provide documentation for possible financial reimbursement process for recovery activities.
4	Participate in after action meetings and prepare after action reports as requested.
5	Continue to repair infrastructure and buildings on a priority basis.
6	Provide personnel to support damage assessment teams.
7	Coordinate with damage assessment teams to condemn, demolish, and dispose of structures that present a safety hazard to the public.
8	Assist in clearance of debris from roads to facilitate emergency operations.
9	Perform priority repairs of local roads, bridges, and culverts.
<b>Mitigation Actions for ESF 3 - Public Works and Engineering</b>	
1	Recommend changes in planning, zoning, and building codes to prevent or lessen the effect of future disasters.
2	Identify critical facilities and recommend mitigation activities to those facilities.
3	Participate in the hazard identification process and identify and correct vulnerabilities.
4	Participate in mitigation planning team meetings and work with local emergency management to promote community preparedness.
5	Provide ESF-3 representative for update of mitigation plan.

**Supporting: City of Hesston**

**Preparedness (Pre-Event) Actions for ESF 3 - Public Works and Engineering**

1	Identify responsibilities for liaison roles with State and adjacent county transportation officials.
2	Develop standard operating guides and checklists to support ESF-3 activities.
3	Develop and maintain ESF-3 Annex.
4	Develop mutual aid and other support agreements with surrounding jurisdictions and the private sector.



5	Identify established pre-disaster contracts.
6	Identify sandbagging operation procedures and water transfer pump placement, size and fuel procurement strategy.
<b>Response (During Event) Actions for ESF 3 - Public Works and Engineering</b>	
1	Manage the collection, processing, and dissemination of information between ESF-3 and EOC or incident command.
2	Provide field support for emergency responders at the scene.
3	Participate in EOC briefings, incident action plans, situation reports and meetings to support ESF 3.
4	Inspect damage to roadways, bridges, and private and public buildings.
5	Assist in clearance of debris from roads to facilitate emergency operations.
6	Coordinate with ESF-1 to facilitate closing roads and constructing barricades.
7	Perform priority repairs of local roads, bridges, and culverts.
8	Perform priority repairs to local water and wastewater systems.
9	Request outside assistance from surrounding jurisdictions and the private sector as required.
10	Designate personnel to provide technical assistance on the debris removal process.
11	Identify responsibilities for liaison roles with State and adjacent county transportation officials.
<b>Recovery (Post Event) Actions for ESF 3 - Public Works and Engineering</b>	
1	Continue to perform tasks necessary to expedite restoration and recovery operations.
2	Evaluate response and recommend changes to ESF-3 Annex to correct shortfalls and improve future response activities.
3	Provide documentation for possible financial reimbursement process for recovery activities.
4	Participate in after action meetings and prepare after action reports as requested.
5	Continue to repair infrastructure and buildings on a priority basis.
6	Provide personnel to support damage assessment teams.
7	Coordinate with damage assessment teams to condemn, demolish, and dispose of structures that present a safety hazard to the public.
8	Assist in clearance of debris from roads to facilitate emergency operations.
9	Perform priority repairs of local roads, bridges, and culverts.
<b>Mitigation Actions for ESF 3 - Public Works and Engineering</b>	
1	Recommend changes in planning, zoning, and building codes to prevent or lessen the effect of future disasters.
2	Identify critical facilities and recommend mitigation activities to those facilities.
3	Participate in the hazard identification process and identify and correct vulnerabilities.
4	Participate in mitigation planning team meetings and work with local emergency management to promote community preparedness.
5	Provide ESF-3 representative for update of mitigation plan.

<b>Supporting: City of Newton</b>	
<b>Preparedness (Pre-Event) Actions for ESF 3 - Public Works and Engineering</b>	
1	Identify responsibilities for liaison roles with State and adjacent county transportation officials.
2	Develop standard operating guides and checklists to support ESF-3 activities.
3	Develop and maintain ESF-3 Annex.
4	Develop mutual aid and other support agreements with surrounding jurisdictions and the private sector.
5	Identify established pre-disaster contracts.
6	Identify sandbagging operation procedures and water transfer pump placement, size and fuel procurement strategy.
<b>Response (During Event) Actions for ESF 3 - Public Works and Engineering</b>	
1	Manage the collection, processing, and dissemination of information between ESF-3 and EOC or incident command.
2	Provide field support for emergency responders at the scene.
3	Participate in EOC briefings, incident action plans, situation reports and meetings to support ESF 3.
4	Inspect damage to roadways, bridges, and private and public buildings.
5	Assist in clearance of debris from roads to facilitate emergency operations.
6	Coordinate with ESF-1 to facilitate closing roads and constructing barricades.
7	Perform priority repairs of local roads, bridges, and culverts.
8	Perform priority repairs to local water and wastewater systems.
9	Request outside assistance from surrounding jurisdictions and the private sector as required.
10	Designate personnel to provide technical assistance on the debris removal process.
11	Identify responsibilities for liaison roles with State and adjacent county transportation officials.
<b>Recovery (Post Event) Actions for ESF 3 - Public Works and Engineering</b>	
1	Continue to perform tasks necessary to expedite restoration and recovery operations.
2	Evaluate response and recommend changes to ESF-3 Annex to correct shortfalls and improve future response activities.
3	Provide documentation for possible financial reimbursement process for recovery activities.
4	Participate in after action meetings and prepare after action reports as requested.
5	Continue to repair infrastructure and buildings on a priority basis.
6	Provide personnel to support damage assessment teams.
7	Coordinate with damage assessment teams to condemn, demolish, and dispose of structures that present a safety hazard to the public.
8	Assist in clearance of debris from roads to facilitate emergency operations.
9	Perform priority repairs of local roads, bridges, and culverts.

<b>Mitigation Actions for ESF 3 - Public Works and Engineering</b>	
1	Recommend changes in planning, zoning, and building codes to prevent or lessen the effect of future disasters.
2	Identify critical facilities and recommend mitigation activities to those facilities.
3	Participate in the hazard identification process and identify and correct vulnerabilities.
4	Participate in mitigation planning team meetings and work with local emergency management to promote community preparedness.
5	Provide ESF-3 representative for update of mitigation plan.

<b>Supporting: City of North Newton</b>	
<b>Preparedness (Pre-Event) Actions for ESF 3 - Public Works and Engineering</b>	
1	Identify responsibilities for liaison roles with State and adjacent county transportation officials.
2	Develop standard operating guides and checklists to support ESF-3 activities.
3	Develop and maintain ESF-3 Annex.
4	Develop mutual aid and other support agreements with surrounding jurisdictions and the private sector.
5	Identify established pre-disaster contracts.
6	Identify sandbagging operation procedures and water transfer pump placement, size and fuel procurement strategy.
<b>Response (During Event) Actions for ESF 3 - Public Works and Engineering</b>	
1	Manage the collection, processing, and dissemination of information between ESF-3 and EOC or incident command.
2	Provide field support for emergency responders at the scene.
3	Participate in EOC briefings, incident action plans, situation reports and meetings to support ESF 3.
4	Inspect damage to roadways, bridges, and private and public buildings.
5	Assist in clearance of debris from roads to facilitate emergency operations.
6	Coordinate with ESF-1 to facilitate closing roads and constructing barricades.
7	Perform priority repairs of local roads, bridges, and culverts.
8	Perform priority repairs to local water and wastewater systems.
9	Request outside assistance from surrounding jurisdictions and the private sector as required.
10	Designate personnel to provide technical assistance on the debris removal process.
11	Identify responsibilities for liaison roles with State and adjacent county transportation officials.
<b>Recovery (Post Event) Actions for ESF 3 - Public Works and Engineering</b>	
1	Continue to perform tasks necessary to expedite restoration and recovery operations.
2	Evaluate response and recommend changes to ESF-3 Annex to correct shortfalls and improve future response activities.
3	Provide documentation for possible financial reimbursement process for recovery activities.



4	Participate in after action meetings and prepare after action reports as requested.
5	Continue to repair infrastructure and buildings on a priority basis.
6	Provide personnel to support damage assessment teams.
7	Coordinate with damage assessment teams to condemn, demolish, and dispose of structures that present a safety hazard to the public.
8	Assist in clearance of debris from roads to facilitate emergency operations.
9	Perform priority repairs of local roads, bridges, and culverts.
<b>Mitigation Actions for ESF 3 - Public Works and Engineering</b>	
1	Recommend changes in planning, zoning, and building codes to prevent or lessen the effect of future disasters.
2	Identify critical facilities and recommend mitigation activities to those facilities.
3	Participate in the hazard identification process and identify and correct vulnerabilities.
4	Participate in mitigation planning team meetings and work with local emergency management to promote community preparedness.
5	Provide ESF-3 representative for update of mitigation plan.

<b>Supporting: City of Sedgwick</b>	
<b>Preparedness (Pre-Event) Actions for ESF 3 - Public Works and Engineering</b>	
1	Identify responsibilities for liaison roles with State and adjacent county transportation officials.
2	Develop standard operating guides and checklists to support ESF-3 activities.
3	Develop and maintain ESF-3 Annex.
4	Develop mutual aid and other support agreements with surrounding jurisdictions and the private sector.
5	Identify established pre-disaster contracts.
6	Identify sandbagging operation procedures and water transfer pump placement, size and fuel procurement strategy.
<b>Response (During Event) Actions for ESF 3 - Public Works and Engineering</b>	
1	Manage the collection, processing, and dissemination of information between ESF-3 and EOC or incident command.
2	Provide field support for emergency responders at the scene.
3	Participate in EOC briefings, incident action plans, situation reports and meetings to support ESF 3.
4	Inspect damage to roadways, bridges, and private and public buildings.
5	Assist in clearance of debris from roads to facilitate emergency operations.
6	Coordinate with ESF-1 to facilitate closing roads and constructing barricades.
7	Perform priority repairs of local roads, bridges, and culverts.
8	Perform priority repairs to local water and wastewater systems.
9	Request outside assistance from surrounding jurisdictions and the private sector as required.
10	Designate personnel to provide technical assistance on the debris removal process.

11	Identify responsibilities for liaison roles with State and adjacent county transportation officials.
<b>Recovery (Post Event) Actions for ESF 3 - Public Works and Engineering</b>	
1	Continue to perform tasks necessary to expedite restoration and recovery operations.
2	Evaluate response and recommend changes to ESF-3 Annex to correct shortfalls and improve future response activities.
3	Provide documentation for possible financial reimbursement process for recovery activities.
4	Participate in after action meetings and prepare after action reports as requested.
5	Continue to repair infrastructure and buildings on a priority basis.
6	Provide personnel to support damage assessment teams.
7	Coordinate with damage assessment teams to condemn, demolish, and dispose of structures that present a safety hazard to the public.
8	Assist in clearance of debris from roads to facilitate emergency operations.
9	Perform priority repairs of local roads, bridges, and culverts.
<b>Mitigation Actions for ESF 3 - Public Works and Engineering</b>	
1	Recommend changes in planning, zoning, and building codes to prevent or lessen the effect of future disasters.
2	Identify critical facilities and recommend mitigation activities to those facilities.
3	Participate in the hazard identification process and identify and correct vulnerabilities.
4	Participate in mitigation planning team meetings and work with local emergency management to promote community preparedness.
5	Provide ESF-3 representative for update of mitigation plan.

<b>Supporting: City of Walton</b>	
<b>Preparedness (Pre-Event) Actions for ESF 3 - Public Works and Engineering</b>	
1	Identify responsibilities for liaison roles with State and adjacent county transportation officials.
2	Develop standard operating guides and checklists to support ESF-3 activities.
3	Develop and maintain ESF-3 Annex.
4	Develop mutual aid and other support agreements with surrounding jurisdictions and the private sector.
5	Identify established pre-disaster contracts.
6	Identify sandbagging operation procedures and water transfer pump placement, size and fuel procurement strategy.
<b>Response (During Event) Actions for ESF 3 - Public Works and Engineering</b>	
1	Manage the collection, processing, and dissemination of information between ESF-3 and EOC or incident command.
2	Provide field support for emergency responders at the scene.
3	Participate in EOC briefings, incident action plans, situation reports and meetings to support ESF 3.
4	Inspect damage to roadways, bridges, and private and public buildings.



5	Assist in clearance of debris from roads to facilitate emergency operations.
6	Coordinate with ESF-1 to facilitate closing roads and constructing barricades.
7	Perform priority repairs of local roads, bridges, and culverts.
8	Perform priority repairs to local water and wastewater systems.
9	Request outside assistance from surrounding jurisdictions and the private sector as required.
10	Designate personnel to provide technical assistance on the debris removal process.
11	Identify responsibilities for liaison roles with State and adjacent county transportation officials.

**Recovery (Post Event) Actions for ESF 3 - Public Works and Engineering**

1	Continue to perform tasks necessary to expedite restoration and recovery operations.
2	Evaluate response and recommend changes to ESF-3 Annex to correct shortfalls and improve future response activities.
3	Provide documentation for possible financial reimbursement process for recovery activities.
4	Participate in after action meetings and prepare after action reports as requested.
5	Continue to repair infrastructure and buildings on a priority basis.
6	Provide personnel to support damage assessment teams.
7	Coordinate with damage assessment teams to condemn, demolish, and dispose of structures that present a safety hazard to the public.
8	Assist in clearance of debris from roads to facilitate emergency operations.
9	Perform priority repairs of local roads, bridges, and culverts.

**Mitigation Actions for ESF 3 - Public Works and Engineering**

1	Recommend changes in planning, zoning, and building codes to prevent or lessen the effect of future disasters.
2	Identify critical facilities and recommend mitigation activities to those facilities.
3	Participate in the hazard identification process and identify and correct vulnerabilities.
4	Participate in mitigation planning team meetings and work with local emergency management to promote community preparedness.
5	Provide ESF-3 representative for update of mitigation plan.

**Supporting: Harvey County Emergency Management**

**Preparedness (Pre-Event) Actions for ESF 3 - Public Works and Engineering**

1	Identify who is responsible for initial notification of ESF-3 personnel.
2	Identify responsibilities for liaison roles with State and adjacent county transportation officials.
3	Develop standard operating guides and checklists to support ESF-3 activities.
4	Develop and maintain ESF-3 Annex.
5	Identify critical infrastructure within the 100 year flood plain.
6	Identify sandbagging operation procedures and water transfer pump placement, size and fuel procurement strategy.



<b>Response (During Event) Actions for ESF 3 - Public Works and Engineering</b>	
1	Manage the collection, processing, and dissemination of information between ESF-3 and EOC or incident command.
2	Provide field support for emergency responders at the scene.
3	Participate in EOC briefings, incident action plans, situation reports and meetings to support ESF 3.
4	Inspect damage to roadways, bridges, and private and public buildings.
5	Coordinate with ESF-1 to facilitate closing roads and constructing barricades.
6	Request outside assistance from surrounding jurisdictions and the private sector as required.
7	Identify who is responsible for initial notification of ESF-3 personnel.
8	Identify responsibilities for liaison roles with State and adjacent county transportation officials.
<b>Recovery (Post Event) Actions for ESF 3 - Public Works and Engineering</b>	
1	Continue to perform tasks necessary to expedite restoration and recovery operations.
2	Evaluate response and recommend changes to ESF-3 Annex to correct shortfalls and improve future response activities.
3	Provide documentation for possible financial reimbursement process for recovery activities.
4	Participate in after action meetings and prepare after action reports as requested.
5	Provide personnel to support damage assessment teams.
6	Coordinate with damage assessment teams to condemn, demolish, and dispose of structures that present a safety hazard to the public.
<b>Mitigation Actions for ESF 3 - Public Works and Engineering</b>	
1	Recommend changes in planning, zoning, and building codes to prevent or lessen the effect of future disasters.
2	Identify critical facilities and recommend mitigation activities to those facilities.
3	Participate in the hazard identification process and identify and correct vulnerabilities.
4	Participate in mitigation planning team meetings and work with local emergency management to promote community preparedness.
5	Provide ESF-3 representative for update of mitigation plan.

**Supporting: Harvey County Sheriff Office/Detention Center**

<b>Response (During Event) Actions for ESF 3 - Public Works and Engineering</b>	
1	Coordinate with ESF-1 to facilitate closing roads and constructing barricades.

**Supporting: Kansas Department of Transportation**

<b>Response (During Event) Actions for ESF 3 - Public Works and Engineering</b>	
1	Participate in EOC briefings, incident action plans, situation reports and meetings to support ESF 3.





2	Inspect damage to roadways, bridges, and private and public buildings.
3	Coordinate with ESF-1 to facilitate closing roads and constructing barricades.
4	Perform priority repairs of local roads, bridges, and culverts.
<b>Recovery (Post Event) Actions for ESF 3 - Public Works and Engineering</b>	
1	Perform priority repairs of local roads, bridges, and culverts.
<b>Mitigation Actions for ESF 3 - Public Works and Engineering</b>	
1	Provide ESF-3 representative for update of mitigation plan.

<b>Supporting: Kansas Highway Patrol</b>	
<b>Response (During Event) Actions for ESF 3 - Public Works and Engineering</b>	
1	Participate in EOC briefings, incident action plans, situation reports and meetings to support ESF 3.
2	Inspect damage to roadways, bridges, and private and public buildings.
3	Coordinate with ESF-1 to facilitate closing roads and constructing barricades.
<b>Mitigation Actions for ESF 3 - Public Works and Engineering</b>	
1	Provide ESF-3 representative for update of mitigation plan.

<b>Supporting: Kansas National Guard</b>	
<b>Response (During Event) Actions for ESF 3 - Public Works and Engineering</b>	
1	Participate in EOC briefings, incident action plans, situation reports and meetings to support ESF 3.

## IV. References/Addendums

The following reference documents are available from Harvey County Emergency Management. These documents have been hyperlinked where possible:

- Harvey County Debris Management Plan
- Region G Multi-Jurisdictional Hazard Mitigation Plan

### **Resource /Contact Lists**

In general, detailed contact lists and inventories will not be attached to ESF annexes since this type of information changes constantly. Instead, information is provided as to the department or individual that maintains each type of contact list or inventory.

### **Contacts:**

Contact information, including home and cellular telephone numbers for employees / responders are maintained in two ways in Harvey County. Information for all employees is maintained by the agency for which they work. Information for police and fire responders is also maintained by the Harvey County Communications so that when emergencies arise, calls / pages can go out quickly.

### **Resources:**

If additional resources are needed, beyond what is available through Harvey County resources or through normal mutual aid channels, a request may be made through the Harvey County EOC.

The Harvey County Emergency Management Department utilizes a resource management, credentialing and accountability system that can tag, track and report on personnel and assets during incidents and pre-planned events. It is most efficient and effective to credential personnel pre-incident.

The following documents are appendices to this ESF:

- Debris Management Plan (Appendix 1)
- Damage Assessment Plan (Appendix 2)