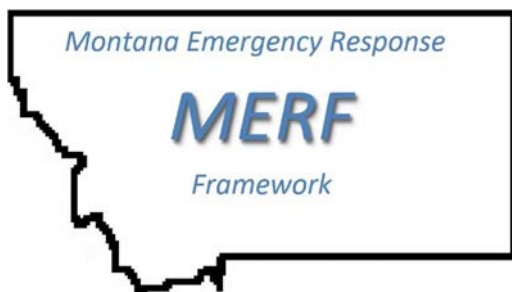


Emergency
Support
Function

2016

Annex # 3

Public Works & Engineering



I hereby adopt the enclosed document as the official Montana Department of Transportation (MDT) Emergency Support Function (ESF) Annex #3 Public Works and Engineering (ESF # 3 Public Works and Engineering).

ESF # 3- Public Works & Engineering is structured to provide public works and engineering-related support for the changing requirements of domestic incident management to include prevention, protection, response, recovery, and mitigation actions. Activities within the scope of this function, to be carried out in coordination with supporting agencies, may include:

- Pre and post-incident assessments of public works and infrastructure.
- Emergency contract support for life-saving and life-sustaining services.
- Technical assistance to include engineering expertise, construction management, and contracting and real estate services.
- Emergency repair of damaged infrastructure and critical facilities.
- Other long-term recovery efforts.

This document is operational and serves as a guide in saving lives, protecting property, sustaining the economy, and preserving the State of Montana's infrastructure.

Approved: Mike Tooley Date: 7/1/2015
Mike Tooley, Director
Montana Department of Transportation

Authorization & Concurrence:

This Annex is considered operational and serves as a guide for rendering assistance whenever the **Montana Emergency Response Framework (MERF)** is activated. It supersedes all previous editions.

Approved: _____

Date: _____

Record of Concurrence

When assistance is requested by MDT, the following agencies have concurred to provide the role of supporting the primary state agency in rendering assistance to state, local, and tribal jurisdictions within the State of Montana during an unforeseen event and/or disaster whenever this Annex is activated:

Support Organizations	Authorized Representative	Date of Concurrence

Table of Contents

Authorization & Concurrence:.....	1
Record of Changes	2
Record of Concurrence	3
<i>Section I: Agencies</i>	5
<i>Section II: Purpose & Scope</i>	5
Purpose:.....	5
Scope:	5
<i>Section III: Assumptions & Relationships</i>	Error! Bookmark not defined.
Local, Tribal, & State Government	Error! Bookmark not defined.
Private Sector/Non-governmental Organizations	7
<i>Section IV: Core Capabilities</i>	7
<i>Section V: Operational Functions</i>	8

Section I: Agencies

State Coordinating Agency: Montana Disaster & Emergency Services	State Support Organizations: Department of Administration Department of Environmental Quality Department of Livestock Department of Military Affairs Disaster and Emergency Services
State Primary Agency: Montana Department of Transportation	Department of Natural Resources & Conservation Department of Public Health and Human Services Local and Tribal Law Enforcement United States Army Corps of Engineers

Section II: Purpose & Scope

Purpose:

The purpose of Emergency Support Function #3 (Public Works and Engineering), is to provide support for effective utilization and coordination of resources to local, state, tribal, private, non-governmental, voluntary, and federal entities during a domestic threat or in response to incidents.

Scope:

ESF #3 is structured to provide public works and engineering-related support for the changing requirements of domestic incident management to include preparedness, response, and recovery actions.

The activities within the scope of ESF #3 (Public Works and Engineering) include:

- Coordinate public works and engineering-related support.
- Coordinate pre-incident and post-incident assessments of public works and infrastructure—note this is a function of the local governments.
- Coordinate technical assistance to include engineering expertise, construction management, and contracting and real estate services.
- Coordinate emergency repair of damaged infrastructure.

Section III: Assumptions & Relationships

Assumptions:

This Annex is based on the assumption that in the event of an incident and/or disaster, the ability of the SECC and supporting organizations to unify the resources of the State of Montana hinges on effective coordination between all agencies. If there are not enough resources available, the primary agency will coordinate with the SECC and Supporting Organizations to ensure that available resources are sufficient to implement this Annex.

Objective:

Assist in the State's restoration of damaged public works and engineering systems by coordinating resource allocation, equipment, damage assessment, resource and needs prioritization, technical assistance and emergency repair

Critical Tasks:

- This annex is maintained and amended during annual review or when unforeseen events, training and exercises or technology dictates.
- Monitors and reports the status of public works and infrastructure.
- Coordinates, expertise, resources and materials.

Relationships

This section describes how this Annex relates to other elements of the whole community. Basic concepts apply to all members of the whole community include:

Local & Tribal Governments

- Primary responsibility for management of incidents involving public works and infrastructure normally rests with local, tribal, state authorities and the private sector, which own and operate the majority of the State's public works resources.
- Local and tribal organizations are responsible for obtaining emergency environmental waivers and legal clearances to dispose of emergency debris and materials from demolition activities in their own jurisdictions.
- Local and tribal authorities are responsible for their own public works and infrastructures and have the primary responsibility for preparedness, response, recovery and mitigation, in their jurisdiction.
- Local and tribal organizations are responsible for complying with and enforcing local and tribal building, zoning, and subdivision regulations including accessibility requirements.

Private Sector/Non-governmental Organizations

- The private sector owns and/or operates a large proportion of the resources that would be needed for rapid restoration of public works services.
- Private-sector mutual aid and assistance networks facilitate the sharing of resources to support response and recovery

State Government

- The SECC provides the primary location through which MT DES can coordinate support to local governments in an unforeseen event and/or disaster situations.
- The SECC serves as the principal point for coordinating and tasking state departments and volunteer agencies in the delivery of emergency assistance to affected jurisdiction(s).
- The management of the state's response is facilitated by the policies of the MERF and its implementing procedures.
- The state department receiving a tasking/mission will coordinate assistance with the incident management structure of the requesting jurisdiction.
- MDT will utilize and coordinate with other state agencies in the use of state resources to ensure the public works system and infrastructure is restored

Section IV: Core Capabilities & Actions

The following table lists the response Core Capabilities, Critical Public Works and Engineering, along with the related ESF #3 (Public Works and Engineering) activities. Though not listed in the table, all ESF's, including ESF #3 (Public Works and Engineering), support the Core Capabilities of Planning, Operational Coordination, and Public Information and Warning.

The following table lists the Response Core Capabilities ESF #3 (Public Works and Engineering) most directly supports:

Core Capability	ESF #3 – Critical Public Works & Engineering
<p style="text-align: center;">Critical Public Works & Engineering</p>	<p>The primary agency coordinates with the SECC and Supporting Organizations to coordinate resources and critical tasks for public works and engineering systems</p> <ul style="list-style-type: none"> • Coordinates resource allocations during an unforeseen event and/or disaster activation. • Coordinates with the SECC to obtain necessary resources with the private-sector organizations • Provides leadership in coordinating, managing and integrating the response, recovery, and mitigation actions including prioritization in coordination with the SECC and Supporting Organizations. • Coordinate assessment of damaged infrastructure and public works. • Coordinate technical assistance in engineering, construction and contracts as appropriate. • Coordinate emergency repair of damaged infrastructure and public works.

Section V: Operational Functions

The overall tasks for ESF #3 (Public Works and Engineering) include:

- Act as a central point for the exchange of public works and engineering related information, guidance, and operations direction in the state during an unforeseen event and/or disaster.
- Coordinate and interface with the SECC, the District Emergency Operations Centers (DEOC) and the Local Emergency Operations Centers (LEOC).
- Request state, local, and private public works and engineering related support as directed under the SECC.
- Coordinates an initial, rapid post-emergency damage assessment for public works and engineering infrastructure to help determine critical needs, critical response times, and potential workloads.
- Coordinates emergency clearance of debris as prioritized according to the needs of the affected areas.
- Coordinates emergency construction for temporary access to emergency routes for the necessary movement of rescue personnel.
- Coordinates technical advice, engineering services, construction coordination, and emergency contracting assistance, and inspection of public structures for LEOC and DEOC.

- Monitors and coordinates repair and restoration of public works infrastructures including transportation systems and infrastructure.

The following table lists the supporting Operational Response functions for ESF #3 (Public Works & Engineering) primary agency and support organizations most directly support:

Primary Agency	Operational Functions:
Montana Department of Transportation	<p>MDT serves as the primary agency. The roles and responsibilities for the primary agency include:</p> <ul style="list-style-type: none"> • Coordinate assessment of damaged infrastructure and public works. • Coordinate technical assistance in engineering, construction and contracts as appropriate. • Coordinates with the SECC to obtain necessary resources with the private-sector organizations • Provides leadership in coordinating, managing and integrating the response, recovery, and mitigation actions including prioritization in coordination with the SECC and supporting organizations.

Supporting Organizations	Operational Functions
All Supporting Organizations	<p>All Support Organizations shall be coordinated through the SECC:</p> <ul style="list-style-type: none"> • Provide services, staff, equipment, and supplies as requested by the primary agencies. • Report current resource capabilities on a regular basis. • Conduct operations, when requested by the primary agency, consistent with their own authority and resources. • Participate in planning for short- and long-term incident management and recovery operations. • Develops and maintains the necessary supporting Emergency Operational Plans (EOP), Emergency Action Plans (EAP), Standard Operating Procedures (SOP) or Standard Operating Guidelines (SOG), checklists, notification lists, and resource inventories. • Assists in the After Action Review. • Train personnel to support interagency emergency response and support teams.
Department of Administration	<p>Coordinates information transfers and the technology associated with the transfer and processing of data. It includes transmission, emission, or reception of voice, signals, writing, images, sounds, or intelligence and security of any nature by wire, radio, optical, or other electromagnetic systems.</p>
Department of Disaster and Emergency Services Military Affairs	<p>Serves as the support ESF for all state departments and agencies across the spectrum of domestic incident management from prevention to response and recovery.</p>
Department of Public Health and Human Services	<p>Coordinates the delivery of services and the implementation of programs to assist individuals, households, and families impacted by potential or actual disasters.</p> <p>Coordinates technical support to local and tribal governments for behavioral health, public health and medical infrastructure.</p>

<p>Department of Natural Resources & Conservation</p>	<p>Manages and coordinates firefighting activities, including the detection and suppression of fires on state and local lands, and provides personnel, equipment, and supplies in support of state, local, and tribal agencies involved in rural and urban firefighting operations.</p>
<p>Department of Justice</p>	<p>Coordinates support to state and local authorities to include non-investigative/non-criminal law enforcement, public safety, and security capabilities and resources during potential or actual incidents. .</p>
<p>Department of Livestock</p>	<p>Coordinates for the protection of resources, which includes appropriate response actions to conserve, rehabilitate, recover, and restore resources.</p> <ul style="list-style-type: none"> • Animal and plant disease and pest response includes implementing an integrated state, local, and tribal response to an outbreak of a highly contagious or economically devastating animal / zoonotic disease. • Serves in an advisory capacity for farm to market concerns.
<p>Local & Tribal Law Enforcement</p>	<p>When possible, assist the State of Montana by coordinating activities and services, which may include but are not limited to:</p> <ul style="list-style-type: none"> • Transport survivors and/or supplies to disaster relief sites. • Provide temporary housing. • Prepare supplies for dissemination to disaster relief sites. • Assist with the relocation of displaced citizens. • Provide limited, temporary manpower for restoration and cleanup. • Responsible for the evacuation of juvenile offender facilities in the state. • Assists through the SECC in coordinating the preparation, response, recovery and mitigation from other police departments, tribal and other state agencies. • Provides law enforcement services to impacted local, state and tribal agencies.
<p>United States Army Corps of Engineers</p>	<p>Although generally associated with dams, canals and flood protection in the United States, USACE is involved in a wide range of public works throughout the world.</p> <ul style="list-style-type: none"> • Bottled Water • Critical Public Facility Restoration • Debris Management • Emergency Infrastructure Assessments • Infrastructure System RSF • Temporary Emergency Power • Temporary Housing • Temporary Roofing • Urban Search and Rescue