



EF 1 – Transportation

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Tasked Agencies	
Primary County Agency(s)	Public Works/Roads Department
Supporting County Agency(s)	Sheriff's Office, Health and Social Services Agency, Lassen County Transportation Commission
Primary City Agency(s)	Public Works Department
Supporting City Agency(s)	Police Department
Community Partner(s)	Hospitals, School District
State Agency(s)	California Department of Transportation (Caltrans) California Highway Patrol
Federal Agency(s)	Department of Transportation

1 Introduction

1.1 Purpose

Emergency Function (EF) 1 describes how the County and City will coordinate transportation needs during a time of a major emergency or disaster, including coordinating transportation activities to supplement the efforts of emergency response agencies to protect the public.

This EF establishes priorities for allocating transportation resources, issuing transportation requests, managing traffic, repairing roads and highways, and establishing procedures for coordinating support for transportation operations with State agencies and with neighboring jurisdictions within Mutual Aid Region 3.

Operational priorities for EF 1 include:

- Complete Initial Damage Assessments as soon as practicable during response and short-term recovery to facilitate requests for public assistance.
- Ensure coordinated transportation support for all response facilities, including mobilization sites, staging areas, evacuation routes/rally points, shelters, and distribution points.
- Support safe movement of vehicle traffic during response operations.
- Coordinate use of local airports and heliports to support response missions.

Preparedness, response, recovery, and mitigation activities that may be conducted to complete these priorities are listed in Appendix B.

1.2 Scope

In the context of this EF, “transportation” refers to the means and equipment necessary to move goods and people from one location to another.

The following activities are within the scope of EF 1:

- Coordinate and/or support damage assessment activities, including the dissemination of pertinent data regarding any impacts to the transportation infrastructure contained within jurisdictional boundaries.
- Coordinate the repair and restoration of the transportation network.
- Maintain undamaged, repaired, and/or restored infrastructure as necessary to ensure that additional hazards do not occur.
- Monitor, control, and coordinate vehicular traffic flow.
- Provide resources to support transportation of evacuees, personnel, equipment, and materials and supplies.
- Provide maps for all modes of transportation.
- Prioritize and initiate emergency work taskings to clear debris and obstructions from, and make emergency repairs to, the transportation infrastructure.

1.3 Policies and Authorities

City, County, and State departments with transportation resources and support operations are responsible for assessing and restoring transportation systems under their control. Priorities shall be determined and coordinated by the Emergency Operations Center (EOC), when activated.

1.3.1 Policies

The following transportation-related policies are currently in place:

- None at this time.

1.3.2 Agreements

The following transportation-related agreements are currently in place:

- None at this time.

According to the State Emergency Plan, the California Highway Patrol secures routes, regulates traffic flow, and enforces safety standards for evacuation and re-entry into an evacuated area; coordinates interstate highway movement on regulated routes with adjoining states; establishes highway safety regulations consistent with location, type, and extent of emergency conditions; supports Caltrans with traffic route re-establishment and continues emergency traffic regulation and control procedures as required.

2 Situation and Assumptions

2.1 Situation

A number of hazards may disrupt transportation systems and require support. The following considerations should be taken into account when planning for and implementing EF 1 activities:

- A major emergency or disaster may severely damage transportation infrastructure.
- The movement of people, equipment, and supplies may be much less efficient in emergency conditions than under normal circumstances.
- Many localized transportation activities may be disrupted or hindered by damaged transportation infrastructure.

- In anticipation of or reaction to a disaster, evacuations that overwhelm standard routes may require resources beyond the capabilities of the jurisdiction.
- Some communities have limited means of ingress and egress, and an emergency or disaster that disrupts key roads or bridges may limit or prevent access to the community.

Effective emergency transportation involves regional travel and requires close coordination with neighboring jurisdictions, Caltrans, and other public and private providers of transportation services and equipment. Transportation operations may require road closures, restrictions, detours, removal of debris, and/or construction of temporary roads or bridges.

2.2 Assumptions

This annex is based on the following planning assumptions:

- Transportation infrastructure will likely sustain damage during a large-scale incident. As a result, the magnitude of a hazard's impact, in terms of both physical damage and operational status/capacity, will affect the effectiveness and efficiency of response and recovery.
- Disaster operations and/or hazardous conditions may require the jurisdiction to divert traffic or implement other methods of traffic control (e.g., damaged, isolated, or evacuated areas).
- Response operations, especially during initial operational periods, may exhaust the jurisdiction's transportation capabilities, thus requiring assistance from neighboring jurisdictions and/or State and federal government.
- Rapid initial and ongoing damage assessments of impacted areas will assist in the determination of response priorities and transportation demands.

3 Roles and Responsibilities

See Appendix B for a checklist of responsibilities by phase of emergency management.

4 Concept of Operations

4.1 General

Emergency transportation operations involve:

- Identification of areas impacted and people at risk.
- Identification, designation, and maintenance of access and egress routes and coordination of the flow of all modes of traffic into and out of affected areas for the effective movement of relief supplies, personnel, and equipment.
- Arrangements to obtain additional emergency transportation resources, with highest priority given to resources needed for protection of life.
- Designation of transportation bases, staging areas, and refueling and repair facilities.
- Coordination with neighboring jurisdictions to ensure that transportation priorities and routes are consistent and coordinated.

When transportation-related activities are staffed in the EOC, responsibilities include the following:

- Serve as a liaison with supporting agencies and community partners.
- Provide a primary entry point for situational information related to transportation infrastructure from the field/scene.
- Share situation status updates related to transportation infrastructure to inform development of Situation Reports.
- Participate in, and provide transportation-specific reports for, EOC briefings.
- Assist in development and communication of transportation-related actions to tasked agencies.
- Monitor ongoing transportation-related actions.
- Share transportation-related information with the Public Information Officer to ensure consistent public messaging.
- Coordinate transportation-related staffing to ensure that the function can be staffed continuously across operational periods.

4.2 Emergency Transportation and Evacuation Routes

The County Roads Department and City Public Works Department, with support from Caltrans, maintain transportation infrastructure, manage emergency transportation routes, identify road hazards, and implement road closures within their jurisdictions. Mapping capabilities and equipment may be provided through geographic information systems and other partners. Staff and resources are assigned to support emergency evacuation and essential transportation routes.

4.3 Access and Functional Needs Populations

During mass evacuations, jurisdictions will work with local volunteer organizations to provide transport for persons, including individuals with access and functional needs, provided they meet the following criteria:

- Evacuees can be accommodated at both embarkation points and destination general population shelters.
- Evacuees can travel on commercial long-haul buses, aircraft, passenger trains, or lift-equipped buses.
- Evacuees do not have medical needs indicating that they should be transported by specialized medical transport.

4.4 Coordination with Other EFs

The following EFs support transportation-related activities:

- **EF 3 – Construction and Engineering:** Support in maintenance, assessment, and restoration of the transportation network, including debris clearance.
- **EF 13 – Law Enforcement:** Assist in traffic control and escort of emergency supplies.

5 EF Annex Development and Maintenance

The County Public Works/Roads Department will be responsible for coordinating regular review and maintenance of this annex. Each primary and supporting agency will be responsible for developing plans and procedures that address assigned tasks.

6 Appendices

- Appendix A – EF 1 Resources
- Appendix B – Roles and Responsibilities Checklist

Appendix A EF 1 Resources

The following resources provide additional information regarding EF 1 and transportation-related issues at the local, State, and federal level:

City

- Mutual Aid / Resource Sharing Agreements
- Emergency Transportation Routes

County

- Mutual Aid / Resource Sharing Agreements
- Regional Emergency Transportation Routes
- County Health and Social Services Agency maintains a small transportation fleet
- County Schools
- Lassen County Transportation Commission has approximately 10 buses available
- Several active and decommissioned airstrips are maintained within the County

State

- Standardized Emergency Management System (SEMS)
- California Disaster and Civil Defense Master Mutual Aid Agreement
- California Emergency Plan: EF 1 – Transportation

Federal

- National Response Framework
 - ESF 1 – Transportation
- Homeland Security Presidential Directives
 - No. 7: Identification of and prioritization for protection of critical infrastructure

Appendix B Roles and Responsibilities

The following checklist identifies key roles and responsibilities for this annex. It is broken out by phase of emergency management to inform tasked agencies of what activities they might be expected to perform before, during, and after an emergency to support transportation concerns. All tasked agencies should maintain agency-specific plans and procedures that allow them to effectively accomplish these tasks.

Preparedness

Preparedness activities take place **before** an emergency occurs and include plans or preparations to save lives and help response and recovery operations. Preparedness roles and responsibilities for transportation include the following:

- ☐ Develop plans and procedures to support EF 1 activities, as appropriate.
- ☐ Participate in EF 1–related trainings and exercises as appropriate.
- ☐ Coordinate regular review and update of the EF 1 annex with supporting agencies.
- ☐ Facilitate collaborative planning to ensure capability to support EF 1 activities.
- ☐ Develop and maintain an emergency/disaster transportation plan or plans that address the following:
 - Providing for logistics and resource transportation needs
 - Conducting and/or facilitating damage assessments of owned/maintained transportation infrastructure
- ☐ Maintain operational capacity of the EOC to support transportation activities.
- ☐ Ensure that staff are identified and adequately trained to fulfill their various EOC positions.
- ☐ Maintain a list of transportation resources and capabilities.
- ☐ Identify transportation needs to support emergency response.
- ☐ Conduct and maintain current resource inventories, including fuel; categorize resources; establish agreements for acquiring needed resources; managing information systems; and developing processes for mobilizing and demobilizing resources associated with EF activities.
- ☐ Establish and maintain liaison with State and adjacent jurisdictions and Operational Area transportation officials.
- ☐ Estimate logistics requirements (e.g., personnel, supplies, equipment, facilities, communications) during the planning process and through emergency planning exercises.

Response

Response activities take place **during** an emergency and include actions taken to save lives and prevent further property damage in an emergency situation. Response roles and responsibilities for EF 1 include the following:

- ☐ Provide situational updates to the EOC as required to maintain situational awareness and establish a common operating picture.
- ☐ Provide a representative to the EOC, when requested, to support EF 1 activities.
- ☐ Coordinate all transportation-related missions in support of the EOC.
- ☐ Identify transportation needs required by the situation.

- ☐ Identify, obtain, prioritize, and allocate available transportation resources, and communicate this information to the EOC.
- ☐ Provide transportation-related public information and mapping support to the EOC during response and recovery activities.
- ☐ Clear and establish lifeline routes.
- ☐ Plan for transportation support for mobilization sites, staging areas, evacuation, shelters, and distribution points.
- ☐ Provide barriers and signage to aid missions.
- ☐ Provide personnel on scene to assist with road closures, traffic redirection, and other activities.
- ☐ Support damage assessment of transportation routes.
- ☐ Track the use of transportation resources through the EOC Finance Section.

Local Airports and Heliports

- ☐ Assess usability of airport and heliport facilities to support response missions.
- ☐ Conduct and/or coordinate emergency operations as required during large-scale incidents in accordance with established plans, policies, and procedures.
- ☐ Establish air traffic control for response missions.

Recovery

Recovery activities take place **after** an emergency occurs and include actions to return to normal or even safer conditions following an emergency. Recovery roles and responsibilities for EF 1 include the following:

- ☐ Demobilize response activities.
- ☐ Keep detailed records of expenses in accordance with SEMS for reimbursement assistance.
- ☐ Participate in all after-action activities and implement corrective actions as appropriate.
- ☐ Provide support to recovery planning.
- ☐ Coordinate and/or facilitate pre-/post-damage assessment activities.
- ☐ Continue to render transportation support when and where required, as long as emergency conditions exist.
- ☐ Continue to monitor and restore transportation systems in support of recovery.
- ☐ Prioritize the repair and restoration of transportation infrastructure so that essential services such as fire, emergency medical services, law enforcement, and waste management will be given first priority.
- ☐ Coordinate all after-action activities and implement corrective actions as appropriate.

Mitigation

Mitigation activities take place **before and after** an emergency occurs and include activities that prevent an emergency, reduce the chance of an emergency happening, or reduce the damaging effects of unavoidable emergencies. Mitigation roles and responsibilities for EF 1 include the following:

- ☐ Participate in the hazard/vulnerability identification and analysis process.

- ☐ Take steps to correct deficiencies identified during the hazard/vulnerability identification and analysis process as appropriate.
- ☐ Regularly inspect streets, public roadways, and rights-of-way for deterioration and make necessary repairs to keep them in good condition.
- ☐ Keep equipment in operating condition.

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