

## EMERGENCY SUPPORT FUNCTION 3 ROAD AND ENGINEERING

### PRIMARY AGENCIES:

Department of Public Works

### SUPPORT AGENCIES:

Emergency Management  
City Council  
Washington State Dept. of Transportation  
Clallam County Public Utility District  
Clallam County Environmental Health

### I. INTRODUCTION

- A. PURPOSE:** To provide coordination for repair and clearing of essential roads and facilities, and resource (E.G., heavy equipment) support in emergency or disasters situations.
- B. Scope:** To provide an outline for coordinating emergency engineering operations involving the Department of Public Works.

### II. POLICIES: See Basic Plan.

### III. SITUATION

#### A. Emergency/Disaster Hazards and Conditions

1. These conditions are as varied as there are natural and technological hazards. Earthquakes, floods, wildfire, severe weather, flash flooding, and even terrorism could adversely affect the response in this ESF.
2. Anything that could cause roads to be impassable or cause a need for heavy equipment resources would affect Road and Engineering.

#### B. Planning Assumptions

1. Any emergency / disaster incident will require involvement of the Department of Public Works.
2. Most incidents will affect some portion of the infrastructure by either actual damage and/or debris clearance.
3. Public works will work under the concepts of the Incident Command System (ICS).

4. A major incident will deplete local road/public works resources.
5. Many local citizens are on septic systems, not sewer.

#### IV. CONCEPT OF OPERATIONS

##### A. General

1. In the event of a major emergency requiring the activation of road engineering/public works services, all necessary equipment and personnel will be mobilized and dispatched to the scene.
2. If the situation is beyond the capabilities of the Department of Public Works, personnel and equipment may be provided for locally with assistance from county, other city, state, and/or out of the area public works departments and/or by the contracting of private resources from within the area.
3. In major emergency situations, priorities for emergency engineering operations will be established by the designated engineer/public works official working with the other agency heads from either the Emergency Operations Center or the mobile Command Post.
4. Additional outside assistance and resources may be obtained from state, federal, or private sources after a proclamation of emergency by local and state officials.
5. Activities that the Department of Public Works may provide during an emergency or disaster situation are:
  - a. Debris clearance from roadway / right-of-ways.
  - b. Restoration of essential facilities / roadways.
  - c. Heavy equipment resources.
  - d. Evacuation route identification/coordination support.
  - e. Transportation resource coordination.
6. The Department of Public Works is responsible for assessing damage to public bridges, roads and facilities and to assure the safety of those infrastructures.

B. Organization The organization of the Road/Engineering ESF follows the ICS concept. Each organization will keep their own command structure and work within the ICS organization in the event of an incident.

C. Procedures: Each organization under this ESF will follow its own internal Suggested Procedures when responding to an incident. When appropriate, agencies will assign a representative to the EOC or command post, as the circumstances dictate.

##### D. Mitigation Activities

1. Department of Public Works: Maintain and repair roadways and right-of-ways.

2. All agencies shall: Regularly maintain equipment to ensure it is in good running order.

**E. Preparedness Activities**

1. All agencies shall:
  - a. Maintain an inventory of available resources including personnel within their departments.
  - b. Develop and maintain Suggested Procedures for emergency and disaster situations.
  - c. Develop and maintain mutual aid agreements with neighboring jurisdictions.
  - d. Coordinate emergency planning activities and information with neighboring jurisdictions and the EM Director.
  - e. Maintain and test communication systems.
  - f. Identify vital and essential roadways, bridges and facilities to establish a repair priority in the event any of these become damaged.
  - g. Assure that personnel are trained in emergency responsibilities.

**F. Response Activities**

1. All agencies shall:
  - a. Provide a senior official to operate from the Emergency Operations Center or other command location to assure coordination with other agencies, as necessary.
  - b. Work within the Incident Command System (ICS).
  - c. Conduct emergency engineering services as the situation demands and as outlined in their suggested procedures.
  - d. Report any hazardous conditions to the command location.
  - e. Maintain records and document all expenditures during the emergency situation.

**G. Recovery Activities**

1. Department of Public Works:
  - a. Provide information concerning hazardous areas or other existing problems.
  - b. Perform restoration operations.
  - c. Assist with damage assessments.
  - d. Document disaster and restoration cost for possible federal reimbursement.
  - e. Debrief and provide acute and chronic stress management for personnel.

2. Clallam County Public Utility District:
  - a. Provide information concerning hazardous areas or other existing problems
  - b. Perform restoration operations.
  - c. Document disaster and restoration cost for possible federal reimbursement.
  - d. Provide for restoration of drinking water services.
3. Emergency Management:
  - a. Collect and coordinate damage assessment and restoration cost.
  - b. Provide liaison activities between local agencies and federal damage assessment teams, as appropriate.
4. Clallam County Environmental Health:
  - a. Provide assistance to maintain potability of domestic water supplies.
  - b. Establish control measures related to emergency solid waste disposal.
5. All agencies:
  - a. Document damage and restoration costs.
  - b. Coordinate damage assessment with the EM Director.
  - c. Perform restoration procedures.

**V. RESPONSIBILITIES**

- A. The Director of Emergency Management and/or designee is responsible for:
  1. Assuring that all personnel are trained in emergency operating procedures.
  2. Developing a method for mobilizing personnel and equipment for construction or repair of roads/streets and other public facilities.
  3. Conducting emergency operations, as needed.
- B. Other departments/agencies:
  1. Have the overall responsibility and authority to coordinate emergency activities as relates to their own procedures.
  2. When needed, assist with emergency personnel or resources, maintaining their individual group autonomy with direction and control provided by the head of the department/agency.
  3. Provide damage assessment for public facilities and infrastructure.

4. Perform debris removal and emergency repairs to public facilities and infrastructure.
5. In an actual emergency, the Department of Public Works is responsible for the following:
  - a. Documenting expenditures for disaster/emergency related obligations for auditing and reimbursement purpose.
  - b. Designating a staff member to specifically plan for and assist families of on-duty personnel.
  - c. Providing resources or emergency personnel as agreed upon or provided for in mutual assistance agreements.
  - d. Alerting staff and briefing them on the situation.
  - e. Reviewing plans and procedures and assuring that all personnel are informed of existing or revised procedures.
  - f. Providing senior level representation for engineering operations at the Emergency Operations Center or mobile Command Post.
  - g. Coordinating needs for augmentation of forces with the EM Director.

**VI. RESOURCE REQUIREMENTS:** Resources available to carry out this ESF are in the Peninsula Regional Emergency Planning resource inventory book. Additional resources that may be needed in times of disasters may have to be obtained locally through private sources, or through request from the state.