

ANNEX 16

EMERGENCY TRAFFIC MANAGEMENT

PRIMARY: SC Department of Public Safety (SCDPS)

SUPPORT: As directed within the SCEOP, each supporting agency will respond to coordinate the emergency activities of its department for a declared earthquake disaster. Selected state agencies or other organizations, as noted in this annex, are assigned additional hazard specific responsibilities for earthquake response.

SC Department of Transportation (SCDOT), SC Law Enforcement Division

I. INTRODUCTION

- A. The protection of life and property requirements will exist from the outset of any response to a major earthquake. Immediate actions by every public safety department will be required, and issues will be coordinated according to the priorities establishment by SERT.
- B. ESF-16 will prepare for disaster response using the Operational Area Concept and worst case loss estimation data in Attachment C to the Basic Plan.

II. MISSION

To provide for coordinated plans, policies, and actions of state and local governments to ensure safe traffic management will be adhered to following an earthquake disaster.

III. CONCEPT OF OPERATIONS

- A. Response operations will use an Earthquake Checklist that will be executed following a strong earthquake. Activities in the Earthquake Checklist do not replace required activities normally assigned to ESF in the SCEOP and supporting ESF SOP. The Checklist activities are to ensure that critical actions are completed or continuing at the appropriate time during an earthquake response. See Attachment A to this Annex for Checklist.
- B. Following an earthquake, the assumption is that a large mass evacuation will not occur due to the isolation caused by damaged transportation networks. Nevertheless, a coordinated effort to ensure effective traffic management is essential. Emergency Traffic Management activities will be a joint effort of State and local agencies communicating and

coordinating either through ICP, EOCs, or through law enforcement communication channels.

- C. Immediately after the earthquake, SCDOT will deploy its Seismic Response Teams (SRT) to determine lifeline entry routes into the area. Representatives from SCDPS and SLED will become members of the SRT as lifeline routes are established. SCDPS and SLED support to the SRT Team is to assist in identifying transportation lifelines and help to maintain security during the evaluation and inspection of bridges.
- D. ESF-16 may provide traffic management support to Operational Area Transportation Entry Points. See Annex 1, Attachment C, Table 1 for a list of transportation entry point locations.
- E. The HAZUS loss estimation will be used to develop strategies and options to establish traffic control points in the Operational Areas after the disaster. If there is a need to identify evacuation routes, ESF-16 will work in concert with local law enforcement, ESF-13, and SRT to determine the best available evacuation routes.
- F. In coordination with ESF-1 and local emergency managers, identify roads that are critical to remain open in each Operational Area.
- G. Utilizing ESF-16 communications network, officers in the field will provide disaster intelligence information with emphasis on damaged critical facilities and transportation routes.
- H. ESF-16 will staff and/or secure transportation routes within the Operational Area and throughout the state as requested by SERT.

IV. **ESF ACTIONS**

The emergency operations necessary for the performance of this function include but are not limited to:

- A. Preparedness
 - 1. Analyze the Loss Estimation Reports prepared by SCEMD for transportation infrastructure damages by Operational Area.
 - 2. Develop strategies and options to establish traffic control points with ESF-1 and SCEMD in Operational Areas.
 - 3. Coordinate with SCEMD and SRT to identify inspection routes into the Operational Areas.

4. Coordinate with ESF-1 and local emergency managers to identify roads that are critical to remain open in each Operational Area.
5. Coordinate with ESF 13 to provide security for closed transportation routes.
6. Coordinate with ESF-1 to identify transportation requirements to support ESF-16 to include transporting resources by air or sea.
7. Coordinate with ESF-13 and assign officers to SCDOT SRT to assist with establishing lifelines and maintaining law and order during the evaluation and inspection of bridges after the earthquake.

B. Response

1. Implement ESF-16, Earthquake Checklist, Attachment A to this Annex.
2. Establish priorities and coordinate with SERT on those priorities.
3. Request personnel in the field to provide disaster intelligence information. The priority of information is road accessibility and damage to critical facilities.
4. Validate the inspection routes for possible lifeline routes. Coordinate with ESF-1 to inspect routes.
5. Implement traffic control management strategies, traffic control points, and coordinate with local law enforcement agencies.

C. Recovery

See Recovery Section, Annex 16, (ESF-16) to the SCEOP.

D. Mitigation

See Mitigation Section, Annex 16, (ESF-16) to the SCEOP.

V. **RESPONSIBILITIES**

A. SCDPS

1. Analyze the Loss Estimation Reports prepared by SCEMD for transportation infrastructure damages by Operational Area.

2. Develop strategies and options to establish traffic control points, if necessary, in the Operational Areas.
3. Coordinate with ESF-1 and SCEMD to identify Primary/Alternate Inspection Routes into the Operational Areas.
4. Coordinate with ESF-1 to identify Diversion Routes into the Operational Areas.
5. Coordinate with ESF-1 and local emergency managers to identify roads that are critical to remain open in each Operational Area.
6. Coordinate with ESF 13 to provide security for closed transportation routes.
7. Develop plans to deploy resources by air and water. Coordinate with ESF-1 to identify transportation requirements to support ESF-16.
8. Assign officers to SCDOT SRT to assist with establishing Primary/Alternate Lifelines and maintaining law and order during the evaluation and inspection of bridges after the earthquake.
9. Review and update ESF-16 Earthquake Checklist.

B. SCDOT

1. Coordinate with ESF-16 and local emergency managers to identify roads that are critical to remain open in each Operational Area.
2. Coordinate with SCDPS and SLED to provide information on SRT duties and responsibilities post-disaster.

C. SLED

Assign officers to SCDOT SRT to assist with establishing Primary/Alternate Lifelines and maintaining law and order during the evaluation and inspection of bridges after the earthquake.

IV. FEDERAL INTERFACE

This Annex has no counterpart in the National Response Framework (NRF). Federal assistance for evacuation is available from the Department of Energy, Department of Transportation, Department of Defense, USCG, Public Health Service, and Nuclear Regulatory Commission through FEMA. Additionally, for multi-state hurricane threats FEMA, through the regional operation center in Atlanta, will establish an Evacuation Liaison Team (ELT) to coordinate multi-state evacuations simultaneously conducted within FEMA Region IV.

ESF-16 (Emergency Traffic Management)

Date/Time Complete

1. * _____ Identify traffic management priorities, and coordinate with SERT Operations Group.
2. * _____ Coordinate with ESF-1 to establish diversion routes within the Operational Areas.
3. * _____ Coordinate with ESF-2 to utilize 800 MHz communication systems.
4. _____ Coordinate with ESF-1 to accompany Seismic Response Teams (SRT) into the impacted areas and assign an officer to each deployed team.
5. _____ Provide any disaster intelligence/damage assessment information such as roads, bridge failures, and damaged buildings.
6. _____ Coordinate with SERT Operations Group to establish traffic control points.
7. _____ Staff and control traffic on close transportation routes in damaged areas.
8. _____ If necessary, prepare to support limited evacuation.

***NOTE:** All Checklist activities listed are essential, and should be completed. However, Checklist activities denoted with an asterisk are critical, and should be completed first. Other action items can be executed simultaneously to expedite response actions.

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