

# **ANNEX 1 (ESF-1) TRANSPORTATION SERVICES TO GREENWOOD COUNTY'S EMERGENCY OPERATIONS PLAN**

**Tasked Organizations: Greenwood County Public Works**

**Suggested Liaison: City of Public Works  
School District  
Agency on Aging  
Lander University  
Private business**

**Staff augmentation as directed by the County Manager**

## **I. INTRODUCTION**

A. A disaster or any emergency may damage roads, bridges, and disrupt communications. Responses which require transportation assets will be coordinated by Emergency Support Function 1 (ESF-1) during the immediate post-disaster period.

1. Greenwood County emergency responsibility will primarily include:
  - a. route assessment and,
  - b. the allocation and prioritization of county transportation assets to include:
    - i. coordination with SCDOT,
    - ii. Processing all transportation requests from county agencies and local governments.

B. ESF-1 will acquire and coordinate use of air, rail, and water transportation assets and provide transportation damage assessment information.

C. The Director, Emergency Management will determine whether the DNR and Civil Air Patrol (CAP) should have a liaison present at the EOC. Any request for resources from these organizations will be coordinated with State EOC ESF 1.

NOTE: Review this annex and the EOP and develop Standard Operation Procedures (SOPs) for each task established by this appendix and the EOP. Each ESF will insure that the special and functional needs community is factored into your SOPs. Annually review the State EOP & Department of Homeland Security Universal Task List and integrate new tasks as appropriate.

## **II. MISSION**

- A. Coordinate the County's transportation resources to respond to an emergency.

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B. Identify the need for resources.

C. Coordinate with State EOC, other localities, and private organization to ensure that potential resources are available in the time of an emergency (MOUs, mutual aid agreements)

### **III. CONCEPT OF OPERATIONS**

A. General:

1. The Emergency Operations Plan provides guidance for managing the use of transportation services and request for relief and recovery resources.
2. Access routes should remain clear to permit a sustained flow of emergency relief,
3. All requests for transportation support will be submitted to the County Emergency Operations Center for coordination, validation, and/or action in accordance with this Emergency Support Function.
4. The process of furnishing transportation services during an emergency incident situation involves two series of actions.
  - a. First, essential immediate transportation needs are identified and actions are taken to provide for these needs.
  - b. Second, as soon as possible, future continuing needs for transportation service and expected future transportation capabilities are estimated. Decisions are then made and actions taken to direct these expected future capabilities to meet the needs considered most essential.
  - c. Priority will be given to restoring transportation infrastructure (roads, routes, rail, and channels) supporting mobilization sites, distribution points, staging areas, post-impact evacuations, and medical facilities.

B. Organization:

1. The County is responsible for transportation infrastructure of all County maintained structures and roadways. Coordination will be maintained with SCDOT regarding infrastructure under the jurisdiction of the state..

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2. The respected municipalities are responsible for coordinating resources needed to restore and maintain transportation routes to the City/Town during an emergency or disaster. All coordination efforts will be accomplished through liaison with the County EOC.

### **C. Responsibilities**

1. The Director, Public Works is responsible for the coordination of all ESF-1 administrative, management, planning, training, preparedness, mitigation, response, and recovery activities to include developing, coordinating and maintaining the ESF-1 SOP. Other responsibilities are, but not limited to:

- a. Develop, maintain, and update plans and procedures for use during an emergency;
- b. Any additional manpower needs will be coordinated with County Manager for assignment of other county manpower resources to ensure continual operational readiness.
- c. The personnel will stay up to date with education and training that is required for a safe and efficient response to an incident;
- d. Alert the County, Municipalities, Towns, and local primary agency representative of possible incident, and begin preparations for mobilization of resources;
- e. Keep record of all expenses through the duration of the emergency;
- f. Follow emergency policies and procedures for evacuation Include procedures for traffic control,
- g. Predetermine Pick-Up Sites,
- h. Identify viable transportation routes to, from and within the emergency or disaster area.

2. ESF-1 personnel will be trained on the principles of the National Incident Management System (NIMS) to the 300 level courses and integrate those principles into all ESF-1 planning and response operations. Level of training is set annually by the State and ESF-1 is responsible to insure all personnel meet these training requirements

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3. ESF-1, in coordination with the State government will provide necessary equipment, facilities and personnel.
4. In coordination with, and in support of the County Damage Assessment Team, ESF-1 will assess the situation (both pre- and post-event), and with local city or town officials, develop strategies to respond to the emergency.

### **IV. ESF ACTIONS**

Actions necessary to insure readiness to respond are divided into the four cycles of emergency management. These are: preparedness, response, recovery, and mitigation. Each cycle requires actions to be planned for to insure total readiness. The emergency operations necessary for the performance of this function include but are not limited to:

#### **1. Preparedness/Prevention Phases:**

- a. Maintain current inventories of County transportation facilities, supplies, and equipment by mode.
- b. Maintain current resource directories of all commercial and industrial transportation assets, facilities, and supplies within the county.
- c. Establish and maintain liaison with the state transportation officials.
- d. Plan for supporting all forms of evacuation(s) to include the suspension of construction and maintenance, and any State Department of Public Safety/Highway Patrol traffic management plans and operations affecting Greenwood County.
- e. Estimate logistical requirements (e.g., personnel, supplies and equipment, facilities, and communications). Develop appropriate transportation packages to support likely incident scenarios.
- f. Identify and train supporting personnel, as required, to staff the ESF Section at the Greenwood County Emergency Operations Center (EOC) and the County Damage Assessment Team(s).
- g. Participate in exercises and conduct, on an annual basis, an ESF-1 exercise (drill, table top or functional) to validate this annex and supporting Standard Operating Procedures (SOPs).
- h. Develop and maintain electronic and paper maps of road closures (including potential closures), evacuation routes, and damaged bridges to display in the EOC and on the County website. Coordinate with County GIS

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to insure information can be disseminated.

i. Review this annex and the EOP and develop Standard Operation Procedures (SOPs) for each task established by this annex and the EOP.

j. Ensure all ESF-1 personnel integrate NIMS principles in all planning. All ESF personnel will complete all required NIMS training.

k. Provide changes to ESF-1 Plan and SOPs to Greenwood County Emergency Management Office when updated. Meet with Greenwood County Emergency Manager annually to discuss ESF-1 issues.

l. Determine staffing requirements for performing EOC duties at the three levels of EOC activation and coordinate needs with Emergency Management Director.

### **2. Response**

a. Identify transportation needs required to respond to the emergency.

b. Plan for transportation support of mobilization sites, staging areas, and distribution points.

c. Identify, obtain, prioritize and allocate available transportation resources.

d. Report the locations of damage to transportation infrastructure, degree of damage, and other available information to ESF-5 and USDOT.

e. Establish communications with the State ESF 1 to coordinate transportation required beyond the county's capability.

f. Assist municipal governments in determining the most viable, available transportation networks to, from, and within the disaster area, and regulate the use of such networks as appropriate.

g. Coordinate emergency information for public release through ESF 15, Public Information.

### **3. Recovery**

a. Continue to render transportation support when and where required as long as emergency conditions exist.

b. Coordinate the repair and restoration of transportation infrastructure with the assistance of County and State ESF-3 to include debris removal.

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- c. Evaluate and task the transportation support requests for impacted areas.
- d. Anticipate, plan for, and prepare the necessary notification systems to support damage assessment teams, establishment of staging areas, distribution sites, a Joint Field Office (JFO), Disaster Recovery Center (DRC), Joint Information Center (JICs) and other local, state, and federal recovery facilities in the impacted area. NOTE: Joint Field Office (JFO) is a temporary federal facility established locally to provide a central point for federal state, local executives with responsibility for incident oversight, directions and/or assistance)
- e. Anticipate, plan for, and prepare the necessary notification systems to support the deployment of state and mutual aid teams, and other state and/or federal emergency work teams and activities in the impacted area.
- f. Anticipate and plan for arrival of and coordination with SEOC ESF-1 personnel in the EOC and the Joint Field Office (JFO).
- g. Ensure that ESF-1 team members or their agencies maintain appropriate records of manpower used, length transportation assets used, mileage, and equipment costs incurred during the event.
- h. Anticipate, evaluate, and respond to all requests for temporary infrastructure restrictions, including flight restrictions according to established procedures.

#### **4. Mitigation**

- a. Support and plan for mitigation measures.
- b. Support requests and directives resulting from the County Council, County Manager and/or County Sheriff concerning mitigation and/or re-development activities.
- c. Document matters that may be needed for inclusion in EOC or state/federal briefings, situation reports and action plans.

## **V. RESPONSIBILITIES**

### **1. General.**

On order, staff ESF-1 in the EOC. Be prepared to maintain a 24/7 presences. Maintain inventories and procedures to obtain or utilize the following transportation assets:

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- a. Buses (school or commercial) of various types and sizes, with drivers, including non-emergency patient transportation carriers, to be used for evacuations and other transportation missions.
- b. Passenger and utility vans of various types and sizes, with and without drivers, including non-emergency patient transportation carriers, to be used for evacuation and other transportation missions.
- c. Trucks and/or trailers of various types, sizes, and combinations with drivers/operators to be used for various transportation missions.
- d. Aircraft, aircrews, and ground and operations personnel and communications for transportation of emergency officials, personnel, light-load cargo, and for various aerial surveillance and reconnaissance flights.
- e. Boats of various types and sizes, powered and non-powered, for various transportation missions.
- f. Cars of various sizes to be used for various transportation missions.
- g. Vehicle repair facilities to include the city and county garage facility, equipment, and personnel to be used for repairs to various types of emergency vehicles.
- h. . Fleet parking and storage areas to be used for the staging, parking, and storage of various types of emergency vehicles.
- i. Rail lines, and rail cars.
- j. Parking and storage areas.
- k. Material handling equipment, including forklifts.
- l. Monitor status of all road networks and provide continuous updates to EOC.
- m. Develop of evacuation routes to include physical identification of routes.
- n. Provide barrier material, signage, and manpower to support evacuation operations.
- o. Coordinate route reconnaissance to ensure structural integrity of road network; suspend and clear all construction along evacuation routes. Coordinate these efforts with SCDOT and ESF-3.
- p. Maintain list of bridges with status of integrity.

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- q. Coordinate with SCDOT and Highway Patrol regarding road closure.
- r. coordinate temporary flight restrictions, including low-level flights, with the Federal Aviation Agency.
- s. Assess airport damage, report to the EOC, and assist in restoration of airports.
- t. Coordinate support with the local Civil Air Patrol.

### **VI. STATE AND FEDERAL INTERFACE**

1. This annex is supported by the State Emergency Operations Plan and the National Response Plan. ESF-1, Transportation Services, provides transportation assistance to local and municipal governments during and following an incident in South Carolina or an event of national significance.
2. State and Federal transportation assistance provided by ESF-1 includes but is not limited to:
  - a. Processing and overall coordination of requests for federal and civil transportation support.
  - b. Assessing damage to the transportation infrastructure, analyzing the effects of the disaster on the regional and national transportation system, and developing appropriate responses.
  - c. Coordinating alternate transportation services.
  - d. Coordinating the recovery and restoration of the transportation infrastructure.
  - e. Performing activities conducted under the direct authority of Department of Transportation elements such as air, maritime, surface, rail, and pipelines.
  - f. Coordinating and supporting preparedness/prevention/mitigation among transportation stakeholders at the state and local levels.
  - g. Supporting ESF-8, Public Health and Medical Services Annex, for casualty/patient and evacuee movement.
3. Direction of the ESF-1 mission in the disaster area is provided by the DOT Regional Emergency Transportation Coordinator (RETCO). The RETCO will

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activate those elements of the regional ESF-1 response organization required to meet the demands of the disaster, including:

- a. ESF representatives to the Regional Operations Center (ROC), and
  - b. the Emergency Response Team (ERT), and
  - c. field Mobility Control Center (MCC).
4. Greenwood County ESF-1 personnel will be familiar with the State Emergency Operations Plan and the National Response Plan (NRP). This familiarization will include but not be limited to the organizational structure, functions and responsibilities of:
- a. an Emergency Response Team B Advanced Element (ERT-A),
  - b. Interagency Incident Management Groups (IIMG) and
  - c. the Joint Field Office (JFO).
5. Greenwood County ESF-1 will coordinate with State ESF-1 to obtain State and Federal assistance as required.