

ANNEX M TO THE FAIRFIELD COUNTY EMERGENCY OPERATIONS PLAN

ENGINEERING AND PUBLIC WORKS

I. AUTHORITIES AND REFERENCES

A. Purpose

To provide for the coordination and use of Department of Public Works personnel and resources to effect emergency restoration of essential public buildings, highway facilities and utilities damaged or destroyed resulting from a disaster either natural, technological or terrorist act.

B. Authority

1. Fairfield County Ordinance Number 487, signed May 9, 2005.
2. South Carolina Legislative Act Number 199, July 30, 1979.
3. Fairfield County Mitigation Plan

C. Definitions

ENGINEERING AND PUBLIC WORKS--An organization comprised of all engineering and public works personnel and resources, public and privately-owned resources within the county, including local government, appropriate state agencies and volunteer organizations.

FACILITIES--As used in this Annex, pertains to roads, streets, public buildings, highways, bridges, waterways and highway/railroad overpasses.

UTILITIES--As used in this Annex, pertains to the buildings and equipment associated with the service of the public, such as lights, power, water, gas and telephone.

CRISIS RELOCATION--The movement of populations from high-risk areas to those of lower risks.

CONGREGATE CARE FACILITIES--Public or private buildings in the host area that may be used to lodge and care for evacuees. Generally, assigned space is approximately 40 square feet per person.

II. SITUATION AND ASSUMPTIONS

A. Situation

Fairfield County is subject to disasters (*natural, technological or terrorist act*) that could result in the need for the restoration of damaged or destroyed essential facilities and utilities.

B. Assumptions

1. Public Works Services equipment and personnel may be employed prior to a disaster in an attempt to reduce its severity or in the aftermath of a disaster to restore government facilities and infrastructures.

2. Public Works Services probably do not have sufficient resources to cope with a major disaster.
3. Public Works Services can reasonably be expected to accomplish expedient repair and restoration of essential services and vital facilities, but it will probably be necessary to contract for major reconstruction.

III. MISSION

To provide a well-organized and equipped Public Works Service to effectively support the needs of Fairfield County during any disaster or emergency.

IV. CONCEPT OF OPERATIONS

A. General

1. Activities will be directed and coordinated from the County Emergency Operations Center (EOC).
2. The Director of Public Works Service has the overall responsibility for mission assignments and coordination of the available engineering and construction resources within the county.
3. The Director of Public Works, in the event of a disaster, that occurs near bridges located on county roads, will inspect and if needed, request assistance from S.C. Bridge Department.
4. Each municipality director of utilities is primarily responsible for engineering operations within the limits of the municipality.
5. The combined municipalities engineering resources and those within the county are available to the Director of Public Works Service. They become an integral part of the Public Works Service resources available for employment in the public interest, with due regard to local needs.
6. State forces used in support of this Plan will be requested through the EOC.
7. S.C. Department of Transportation's Bridge Department annually inspects bridges in the county.
8. S.C. Department of Transportation is responsible for the restoration and repair of state-maintained roads and bridges.
9. County Public Works Service resources, when available, will support the S.C. Department of Transportation operations.
10. All Public Works personnel will be trained on the principles of the National Incident Management System (NIMS) and integrate those principles into all public works planning and response operations.

B. Actions by Phases of Emergency Management

1. Preparedness

- a. Develop procedures to implement this Annex.

- b. Coordinate those procedures jointly affecting city/county disaster operations with each municipality utilities director.
- c. In coordination with Fairfield County Emergency Management Department, maintain resource lists, engineering/public works assignments and alert lists. **(See Appendix 2, Appendix 3)**
- d. Maintain formal agreements and/or working relationships with city, state and federal agencies having mutual engineering/public works emergency responsibilities.
- e. Coordinate with municipal, county and state agencies in the development and maintenance of a priority restoration list of all essential facilities and utilities. **(See Appendix 4)**
- f. In coordination with Fairfield County Emergency Management Department, develop and participate in training and periodic test exercises for engineering/public works service.
- g. In coordination with the County Emergency Management Department, develop procedures for implementation of an accelerated training program to include radiological monitoring and decontamination operations.
- h. Develop procedures for clearance of debris in an emergency. **(See Appendix 5)**
- i. Develop procedures for backup electrical power to be used for Emergency Operations Center (EOC) during an emergency.
- j. Ensure Public Works personnel integrate NIMS principles in all planning. As a minimum, primary action personnel for Public Works will complete FEMA's NIMS Awareness Course, or an equivalent.

2. **Response**

- a. Upon notification from the Fairfield County Emergency Management Director, activate the Public Works Service.
- b. Evaluate available information concerning the nature and extent of the disaster situation and establish a program based upon priority lists, for the restoration of essential facilities and utilities.
- c. Based upon available information to include radiological data and established priorities, determine manpower and equipment requirements.
- d. Implement procedures to perform required radiological monitoring and decontamination operations.
- e. Provide backup electrical power to the EOC.

3. **Recovery**

- a. Continue to direct Public Works Service operations.
- b. In coordination with the Fairfield County Emergency Management Department, develop long-range recovery operations and establish priority of tasks to be accomplished.

4. **Mitigation**

- a. Identify vulnerabilities of existing public buildings, roads and bridges to known hazards and take steps to lessen vulnerabilities.
- b. Develop plans to protect facilities and equipment at risk from known hazards.

V. **ORGANIZATION AND ASSIGNMENT OF RESPONSIBILITIES**

1. *See Organization Chart, Appendix 1.*
2. The Fairfield County Director of Public Works is designated as Coordinator of Public Works Service and has the primary responsibility of this service within the county boundaries for the coordination of the activities of the following organizations when they are requested to support the conduct of operations under this Plan.

a. **Local Government**

1. Fairfield County Department of Public Works.
2. Fairfield County Recycling Department.
3. Fairfield County Building Maintenance Department.
4. Fairfield County Vehicle Maintenance.
5. Municipal Maintenance Department.

b. **Non-Governmental Organizations**

1. Privately-owned engineering and construction companies.
2. Privately-owned utility companies.

c. **State Government**

1. S.C. Department of Highways and Public Transportation.
2. Public Service Authority.
3. Employment Security Commission.
4. Adjutant General (*when available*).
5. Forestry Commission.
6. S.C. Department of Natural Resources.
7. Department of Health and Environmental Control.

B. Responsibilities

1. Manage the Public Works Services function during emergency situations.
2. Oversee the repair and restoration of key facilities and systems and assist in the removal of debris in the aftermath of an emergency.
3. Maintain a current list of Public Works Services' resources.
4. Identify contractors who can provide heavy and specialized equipment support during emergencies and individuals and businesses that may be willing to lend equipment to local government during emergencies.

VI. ADMINISTRATION AND LOGISTICS

A. Administration

1. Initial Situation Reports

As soon as communications are established, Director of Public Works Service will gather data from the agencies/organizations and individuals who have engineering, maintenance and construction support assignments. The Director will submit a report to the County Emergency Operations Center (EOC), which will include, but not be limited to the following:

- a. Status of essential personnel of the service.
- b. Availability of supplies and equipment.
- c. Emergency tasks of operations underway and/or to be taken in accordance with previously established priority lists.
- d. Immediate support and/or assistance required of any other county agency, private firm or state agency.

2. Special Reports

- a. Any significant change in status in the service capability to accomplish its mission will be reported immediately.
- b. Report immediately any essential facility that cannot be repaired or restored in accordance with established priorities.

3. After Action Reports

An after action report will be submitted to the County Emergency Management Department upon request and will include, but not be limited to, the following:

- a. Type and nature of service performed.
- b. Forces involved (*include municipalities, county, state, federal & private*)
- c. Casualties.
- d. Nature and extent of further assistance required.

B. Logistics

Supplies, equipment and manpower organic to the agencies comprising the Public Works Service will be utilized to the fullest extent possible. Additional supplies, equipment and manpower will be requested through the EOC.

VII. DIRECTION AND CONTROL

- A.** Public Works Service activities will be coordinated through the Emergency Operations Center (EOC) and controlled at the Public Works Office.

B. The Fairfield County EOC will be located at one of the following sites and will be announced by the Fairfield County Emergency Management Department at the time of activation:

1. **Primary**-- is located at 100 Tidewater Dr, Winnsboro, SC.
2. **Alternate**--Fairfield County Governmental Complex is located at 350 Columbia Rd., Winnsboro, SC.

C. Public Works operations will be directed over the County Public Works Radio Communications Network.

D. Line of Succession

1. Director, Public Works Department
2. Public Works Crew Foreman

VIII. PLAN DEVELOPMENT AND MAINTENANCE

A. Development

The Director of Public Works will be responsible for the development and maintenance of this annex.

B. Maintenance

1. This annex will be reviewed annually.
2. This annex will be updated, as necessary based upon deficiencies identified by drills and exercises, changes in local government structure, or technological changes, etc.

Director, Public Works

Date

Director, Fairfield County Emergency
Management Department

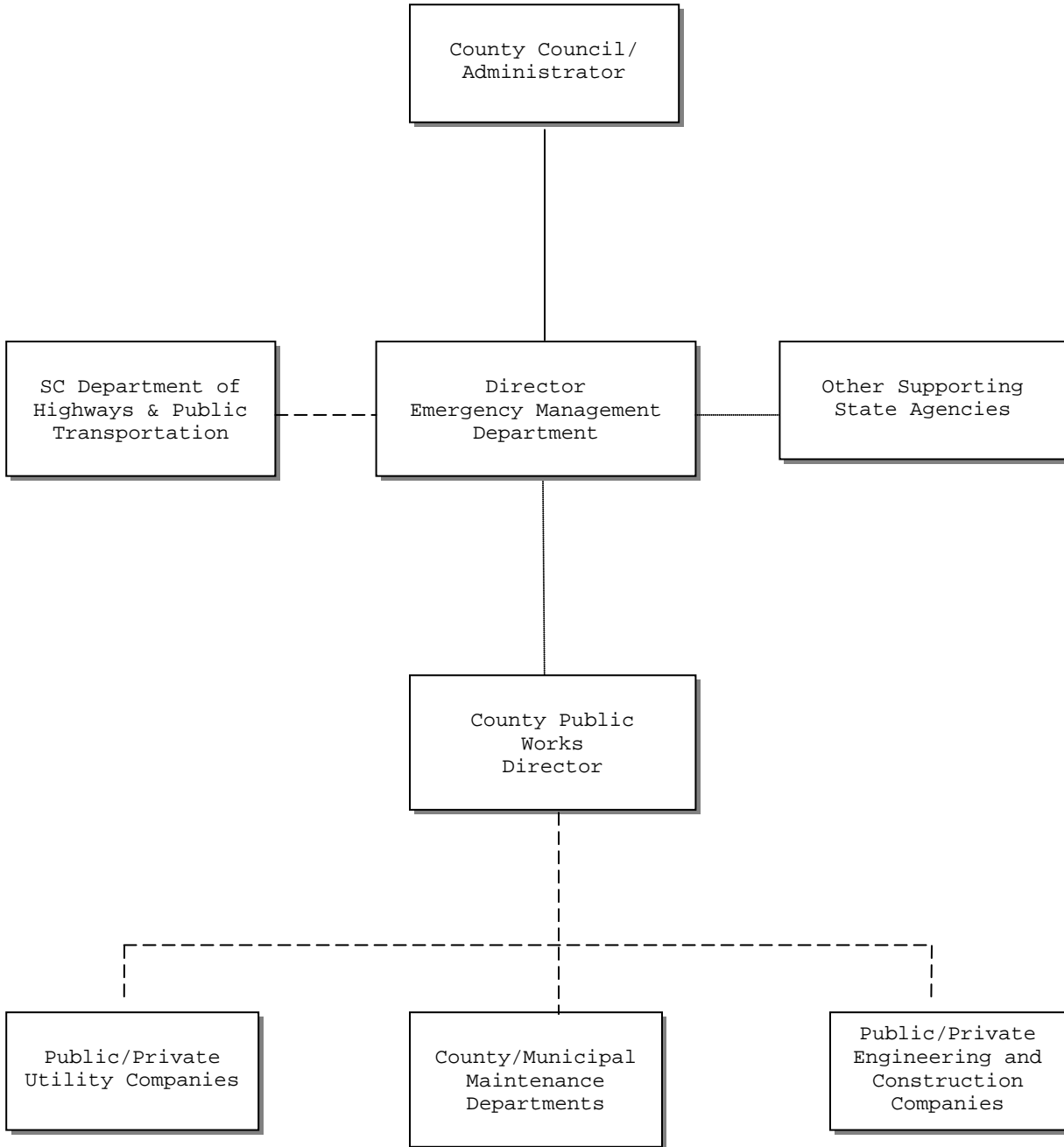
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APPENDICES:

1. **Organization Chart**
2. **Alert List**
3. **Resources List**
4. **Priority List for Vital Facility and Utility Restoration**
5. **Debris Clearance Procedures**

APPENDIX 1 TO ANNEX M—ORGANIZATION CHART

FAIRFIELD COUNTY



_____ **Direction**

----- **Coordination**

APPENDIX 2 TO ANNEX M--ALERT LIST--DEPARTMENT OF PUBLIC WORKS

FAIRFIELD COUNTY

TITLE

Director, Public Works

Director, Town of Winnsboro Public Works

County Building Maintenance Director

Supervisor, Vehicle Maintenance

Mayor, Winnsboro

Mayor, Ridgeway

School Building Maintenance

S.C. Highway Department Maintenance Office

*****ALL TELEPHONE NUMBERS ARE KEPT CURRENT IN OUR COUNTY ALERT LIST
SOP, DISTRIBUTED TO APPROPRIATE AGENCIES.***

APPENDIX 3 TO ANNEX M--RESOURCES LIST, DEPARTMENT OF PUBLIC WORKS

FAIRFIELD COUNTY

RESOURCES LIST (EQUIPMENT)

- 1 Bulldozer
- 4 Graders
- 2 Loaders
- 1 Back Hoe
- 1 Lowboy with Tractor
- 7 Dump Trucks—F750's 5 Cubic Bodies (radios)
- 2 Crew Cab Trucks (radio)
- 2 Tandem Dumps
- 1 24-foot Dump
- 1 Frailmore Tractor
- 1 Hydraulic Bush Hog Tractor
- 2 500-Gallon Portable Water Trailers
- 2 4-Wheel Drive Vehicles with radios
- 1 Grappler truck
- 5 Roll off trucks – 20, 30 and 40 yard containers

Town of Winnsboro--Public Utilities--Electrical, Water & Sewer

- 1 Back Hoe Loader
- 1 Ford Tractor with Bush Hog & Blade and Trailer
- 2 Bucket Trucks (radio)
- 1 Utility Truck (radio)
- 5 Pick-up Trucks (radio)
- 1 110-Volt Portable Generator
- 2 Trenchers
- 1 Front-end Loader (Public Utilities)
- 1 Front-end Loader (Sewer Plant)

Sanitation Department--Town of Winnsboro

- 2 Trash Compactor Trucks (radio)
- 2 Dump Trucks (radio)
- 1 Panel Truck (radio)
- 4 Pick-up Trucks (radio)
- 1 Sweeper (radio)

Gas Department--Town of Winnsboro

- 5 Pick-up Trucks (radio)
- 2 Trenchers

APPENDIX 4 TO ANNEX M--PRIORITY LIST FOR VITAL FACILITY AND UTILITY RESTORATION

1. COMMUNICATIONS--Media Facilities

TV Stations/Newspapers

1. WCTV--Channel 3 (Winnsboro)
2. Herald-Independent (Newspaper)

2. GOVERNMENT FACILITIES

Federal Buildings

U.S. Post Offices

County Buildings

1. Fairfield County Governmental Complex (*houses: E-911, EMD, Law Enforcement, and Admin Bldg*)
2. Fairfield County Courthouse
3. Fairfield County Transit Facility
4. Fairfield County Airport
5. Fairfield County Department of Social Services
6. Fairfield County Detention Center
7. Fairfield County Agriculture Building

City/Town Buildings

1. Winnsboro Town Hall
2. Ridgeway Town Hall

3. HOSPITALS

1. Fairfield Memorial Hospital
2. Fairfield County Health Department
3. Palmetto Primary Health Care Facility
4. Fairfield County Mental Health Clinic

4. NURSING HOMES

1. Fairfield Healthcare--Ridgeway, S.C.
2. Ridgeway Health & Rehab Center--Ridgeway, S.C.
3. Willow Springs Residential Care--Ridgeway, S.C.

5. PUBLIC UTILITIES

1. Town of Winnsboro
2. South Carolina Electric & Gas Company
3. Fairfield Rural Electric Cooperative
4. Telephone Services

APPENDIX 4 TO ANNEX M--PRIORITY LIST FOR VITAL FACILITY AND UTILITY RESTORATION (Continued)

6. HIGHWAY SYSTEMS

A. Major Highways

1. I-77
2. U.S. 321
3. U.S. 21
4. S.C. 215
5. S.C. 34
6. S.C. 200
7. S.C. 269
8. S.C. 213

B. Bridges

1. Newberry Road at Broad River
2. U.S. Highway 321 South at Cedar Creek
3. State Highway 213 at Broad River
4. Monticello Road at Cedar Creek
5. River Road at Lake Wateree

7. OTHER

1. Sewer Plants
2. Water Treatment Plants
3. Natural Gas Facilities
4. Telephone Companies

APPENDIX 5 TO ANNEX M—DEBRIS CLEARANCE PROCEDURES

Fairfield County has land leased from Crescent Land and Timber Incorporated, which is located in the Lake Wateree Area. Debris could be stored here during times of emergency until disposed of properly.