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May 3, 2018

TO:

Mayor Teresa Jacobs

-AND-

Board of County Commissioners

THROUGH:

Dr. George Ralls, M.D.

Deputy County Administrator

FROM:

Otto Drozd, III, Fire Chief

Fire Rescue Department

CONTACT PERSON:

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SUBJECT:

May 22, 2018 - Consent Agenda Item

Orange County's Comprehensive Emergency

Management Plan

In accordance with Chapter 252, Florida Statutes, the Comprehensive Emergency Management Plan is a required document in Orange County and must be approved by the state of Florida and adopted by the Board every four years.

The CEMP outlines how Orange County coordinates preparedness, prevention, response, recovery and mitigation activities. The changes in this document reflect compliance with Local Comprehensive Emergency Management Plan Compliance Crosswalk Form (CEMP-001) last updated 2012. The update included revisions to the Hazard Risk identification and Vulnerability section to ensure consistency between the CEMP and the Local Mitigation Strategy (LMS). In addition, the Mitigation and Recovery annex were updated to meet new the requirements outlined in CEMP-001.

The State of Florida approved the 2018 CEMP on May 1, 2018.

The backup documentation for this item has been delivered under a separate cover. It may also be accessed online as part of the eAgenda by clicking [here](#).

ACTION REQUESTED: Adoption of the Orange County Comprehensive Emergency Management Plan 2018 and approval and execution of Resolution of the Board of County Commissioners of Orange County, Florida, approving the Comprehensive Emergency Management Plan.

OD/atk

C: Ajit Lalchandani, County Administrator

Orange County Comprehensive Emergency Management Plan 2018



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**Record of Changes**

Date	Description of Change	Page and/or Section
8/8/17	Four-year revision of CEMP. Re-aligns ESF Responsibilities. Complies with 2012 Florida CEMP Crosswalk	
11/28/17	Added Multiyear Training Exercise Plan (MYTEP) reference	p.66
03/15/18	Added County Website reference for Debris Management Contracts	107
04/30/18	Changed 2017 to 2018 on cover page and headings to reflect the year the plan was approved DEM	Cover page



Executive Summary

The Comprehensive Emergency Management Plan (CEMP) is the master operations document for Orange County in responding to all emergencies, as well as catastrophic, major, and minor disasters. The CEMP is authorized by Florida Statute Chapter 252, Orange County Administrative Regulation 10.01 (dated June 18, 1991, Revised November 11, 1997), and Orange County Emergency Management Ordinances #94-11 and #2000-17. The CEMP defines the responsibilities of all levels of Federal and State government, private, volunteer, non-governmental organizations and municipalities that make up the Orange County's Emergency Response Team (OCERT).

The CEMP establishes the framework for an effective system to ensure that the OCERT and municipalities are able to mobilize as a unified emergency organization to safeguard the well-being of Orange County residents and visitors. The CEMP unites the efforts of these groups under the Emergency Support Function (ESF) format with a designated lead agency for a comprehensive approach to mitigation, planning, response and recovery from identified hazards. This organizational structure is compliant with the National Incident Management System (NIMS) and incorporates the principles set forth in the Incident Command System (ICS).

Orange County utilizes NIMS as the standard procedure for incident management in the County. The staff members of the Office of Emergency Management and OCERT are required to complete the appropriate NIMS training and other training as it relates to their emergency support function.

This plan is structured to parallel State and Federal activities set forth in the "State of Florida Comprehensive Emergency Management Plan" and the "Federal Response Plan," and describe how State, Federal and other outside resources will be coordinated to supplement county resources and response.

The CEMP is divided into three the following sections:

1. The Basic Plan

The Basic Plan includes the purpose, scope and methodology of the plan, direction and control, organizational structure, alert notification and warning, the five phases of emergency management (prevention/protection, preparedness, mitigation, response, and recovery) actions, responsibilities, authorities and references.

2. Support Annexes

The Support Annexes include the following:

- **Recovery Annex**

This annex outlines the steps taken during the recovery efforts following an emergency or a disaster.

- **The Mitigation Annex**



This annex outlines the mitigation activities before, during, and immediately following a disaster. For Orange County, the Mitigation Annex is the current Orange County Local Mitigation Strategy.

- Emergency Support Functions Annexes

This annex outlines the Emergency Support Function for each ESF 1-20 in the emergency operations center. These annexes include activities before, during, and immediately following activation. For Orange County, the Emergency Support Function Annex is the current Orange County Local standard operating guideline for Emergency Support Function personnel.

- Hazard Summary Annexes

This annex provides a condense review of the consequence analysis for the Orange County core or hazards of most significance. The analysis provide information on the consequence to public; responders ;(3) continuity of operations including continued delivery of services; property, facilities, and infrastructure; environment; economic condition of the jurisdiction; and Public confidence in the jurisdiction's governance.



MAY 22 2018

2018

Board of County Commissioners Adoption ResolutionORANGE COUNTY
COMPREHENSIVE EMERGENCY MANAGEMENT PLANRESOLUTION NO. 2018-M-14**RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS OF ORANGE COUNTY, FLORIDA,
APPROVING THE COMPREHENSIVE EMERGENCY MANAGEMENT PLAN**

WHEREAS, Chapter 252, Florida Statutes, assigns to the Board of County Commissioners, responsibility for disaster prevention, preparedness, mitigation, response, and recovery; and

WHEREAS, being prepared for disasters, means being ready to respond promptly as danger threatens, to preserve life and property, and to provide relief from suffering and privation; and

WHEREAS, local services may be overburdened or inadequate, and local government will have to operate effectively in different ways than in normal times to provide timely relief and minimize hardships in the event of natural and technological disasters in Orange County; and

WHEREAS, many populated areas and parts of communities may require evacuation, shelter, and food until the disasters ends, services are restored, and needed supplies and materials are available; and

WHEREAS, Chapter 27P-6, Florida Administrative Code, requires each County to develop a Comprehensive Emergency Management Plan; and

WHEREAS, Chapter 27P-6, Florida Administrative Code, furthermore, requires the governing body of Orange County to adopt by resolution, the Orange County Comprehensive Emergency Management Plan.

NOW, THEREFORE, BE IT RESOLVED that Orange County's Comprehensive Emergency Management Plan be hereby adopted.

Passed in open session this MAY 22 2018 day of _____ 2018.

Board of County Commissioners
Orange County, Florida



BY: [Signature]
County Mayor

Attest: [Signature]

BY: Craig A. Stopyska
Deputy Clerk



Introduction

The Orange County Comprehensive Emergency Management Plan (CEMP) is a strategic operations oriented plan that addresses coordinating county and inter-county prevention/protection, preparedness, mitigation, response, and recovery activities. The CEMP is consistent with the National Incident Management System (NIMS) and the Incident Command System (ICS).

The CEMP Basic Plan describes the basic strategies, assumptions and mechanisms through which the county will mobilize resources and conduct activities to guide and support the County's Emergency Management Program. To facilitate effective intergovernmental operations, the CEMP adopts a functional approach that groups the type of assistance to be provided under Emergency Support Functions (ESFs) and Emergency Coordinating Officers (ECOs) to address functional needs at the county and municipal level. Each ESF/ECO is led by a primary agency, which has been selected based on its expertise, authorities, resources, and capabilities in the functional area.

Purpose

The purpose of the CEMP is to establish uniform policy and procedures for the effective coordination of response to a wide variety of hazards. The policies and procedures reflect the following operational priorities: life, safety, health, property protection, environmental protection, restoration of essential utilities, restoration of essential program functions and coordination among stakeholders. The purpose, scope, situation and planning assumption are applicable to the Basic Plan, Recovery Annex, Mitigation Annex, and Hazard Summary Annex.

The CEMP addresses these hazards through the following five phases of emergency management:

1. **Prevention/Protection**

This phase is composed of actions to avoid an incident or to intervene or stop an incident from occurring. Examples of this phase include sharing of information and/or hardening of critical infrastructure and facilities.

2. **Preparedness**

This phase involves the preparing for prompt and efficient response and recovery activities to protect lives and property affected by an emergency and/or disaster. Activities within this phase include developing plans, conducting training and developing and executing exercises.

3. **Mitigation**

This phase involves activities designed to reduce or eliminate risks to persons or property or to lessen the actual or potential effects or consequences of an incident. Mitigation measures may be implemented prior to or after an incident and are intended to reduce vulnerability to hazards over the long term.



4. **Response**

This phase of emergency management deals with responding to emergencies and/or disasters utilizing all systems, plans and resources to safeguard the health, safety and welfare of citizens and visitors. The response phase can include first responders being dispatched to emergencies and the activation of an Emergency Operations Center.

5. **Recovery**

Recovering from an emergency and/or disaster involves providing for the short-term assistance, which includes the rapid and orderly restoration and rehabilitation of persons and property affected. The long-term needs of citizens such as mental health counseling and individual needs not covered through State or Federal programs.

Scope

The CEMP plan establishes the coordinating structures, processes, and protocols required to integrate the specific statutory and policy authorities of various Orange County Departments and agencies into a framework for action to include prevention, preparedness, and mitigation, response, and recovery activities.

The CEMP addresses the various types of emergencies that are likely to occur in Orange County, from local emergencies to major or catastrophic disasters. It further provides policies and procedures for disseminating warnings, coordinating response, ordering evacuations, opening shelters, and for determining, assessing, and reporting the severity and magnitude of an emergency and/or disaster. It further establishes direction and control by directing resource requests for municipalities to County, County to State, and State to Federal based on Florida Statute Chapter 252, Orange County Administrative Regulation 10.01 (dated June 18, 1991, Revised November 11, 1997), and Orange County Emergency Management Ordinances #94-11 and #2000-17.

The CEMP details the Orange County Emergency Response Team (OCERT) and its membership is composed of County departments and agencies, municipalities, and for-profit and non-profit organizations, as well as State and Federal liaisons. The mission is to safeguard the citizens and visitors by ensuring the rapid response and recovery of the County to a variety of hazards. The CEMP establishes the organization, concepts, and terminology under which OCERT will operate and defines the mechanisms to facilitate the delivery of immediate and prolonged assistance by:

- Establishing fundamental policies, program strategies, and assumptions.
- Establishing a concept of operations spanning the direction and control of an emergency and/or disaster from initial monitoring through post-disaster response and recovery.



- Defining the roles and responsibilities of elected and appointed government officials, county and municipal departments and agencies, private industries, and volunteer and civic organizations.
- Defines the Orange County Mission Essential Functions

The CEMP provides guidance for actions necessary for recovery and mitigation in the corresponding annexes, with further details located in the Post Disaster Redevelopment Plan (PDRP) and the Local Mitigation Strategy (LMS). These plans outline recommended actions for recovery and mitigation efforts following a disaster.

The PDRP was created in 2012 to assist Orange County with long-term recovery processes after a catastrophic disaster. The goal of post-disaster redevelopment is to restore a community to its previous state or better, as well as to make smarter decisions that will increase resiliency to future hazards and disasters.

The LMS is a strategy adopted by Orange County, following approval from the State and FEMA, to address and mitigate potential hazards to minimize the impacts to the County after a disaster.

The LMS Working Group was established to make the whole community more resistant to natural and technological hazards by identifying and prioritizing mitigation projects. Following a disaster, the LMS Working Group convenes to discuss these projects and evaluate ways to implement them to reduce or eliminate the threats from future hazards.

Methodology

The Orange County CEMP was developed by the Office of Emergency Management (OEM) in accordance with the CEMP plan criteria (Form CEMP-001) established by the Office of the Governor, Division of Emergency Management. The planning effort is the responsibility of the OEM Planner, and accomplished through a combined collaborative effort with OCERT members. OCERT members provide input for the development of this document through the development and biennial updates of the Emergency Support Functions (ESFs) annexes. The following primary and secondary agencies have provided input and support to the development of this document

Transportation	Central Florida Regional Transportation Authority (LYNX)
Communications	Information System and Services Division (ISS)
Public Works	Orange County Public Works
Firefighting	Orange County Fire and Rescue
Information and Planning	Orange County Office of Emergency Management
Mass Care	Orange County Office of Emergency Management
Resource Support	Orange County Procurement Division
Health & Medical Services	Orange County Health Services Department



Search and Rescue	Orange County Fire and Rescue
Hazardous Materials	Environmental Protection Division
Food and Water	Salvation Army
Energy	Duke, OUC, TECO Gas
Public Information Officer	Orange County Communications
Volunteer & Donation Management	Orange County Human Resources
Law Enforcement	Orange County Sheriff's Office
Animal Care	Orange County Animal Services
Community and Business	Orange County Consumer Fraud
Damage Assessment	Orange County Property Appraisers Office
Public Utilities	Orange County Utilities

The CEMP has an all hazards approach and incorporates the concepts, assumptions, and terminology of the National Incident Management System (NIMS), as well as the National Response Framework (NRF) and institutionalizes the use of the Incident Command System for field response. This establishes a framework for the effective coordination of protection, prevention, response, recovery, and mitigation actions at all levels of government.

OEM ensures that all copies of the CEMP are current through maintenance and distribution of the CEMP via electronic methods and posting the most current CEMP on the Orange County Website.

The development of the CEMP used the basic planning process methods of:

- Engage and seek Emergency Management Program Stakeholders input for the development of the plan and any accompanying documents such as annexes, appendices and procedures.
- Receive approval of the plan from the State and adopt via resolution by the Board of County Commissioners.
- Test the plan through training, exercises, and real-world emergencies and disasters and develop corrective actions.
- Revising and maintaining the plan.

The CEMP is reviewed and approved every four years by the State of Florida. Following approval by the State of Florida, the Orange County Board of County Commissioners adopts a resolution implementing this plan for use by all County Departments and Divisions. After the resolution is signed, the plan is then distributed to the OCERT members, and posted to the County's website for public dissemination.



Testing of the CEMP happens throughout the year by conducting training, developing exercise capabilities and scenarios, and responding to real-world emergencies. When the Emergency Operations Center (EOC) is activated, the CEMP is referenced and then followed based on the type of emergency. When a deficiency is found within the CEMP, the deficiency is noted and evaluated to determine potential solutions. Additional trainings or exercises may be needed to educate responders and re-test their capabilities to prepare for the next emergency event.

Evaluation, Maintenance and Revision

Plans are evaluated on a continuing basis between normally scheduled updates. The evaluations are utilized to improve and enhance the effectiveness of the plans during the next update. The evaluation methods include OCERT stakeholder's feedback, critique and analysis of training, exercises, after-action reports, corrective actions, real-world events and the ongoing review of Emergency Management best Practices.

The Overall coordination of the development and updating process is the responsibility of office of Emergency Management (OEM). OEM sets schedules for the updating, tasks county agencies with review actions, coordinates with applicable Federal, State and municipal agencies and jurisdictions, and takes such other actions necessary to complete a plan update. The Basic plan, Recovery Annex, Mitigation Annex, ESF's Annex and Hazard Summary annex are review in a Biennial basis or if the evaluation process dictates revisions to improve and enhance the effectiveness of the plan changes can be made before the next schedule update.

ESF's Annexes are under the coordination of designated lead primary agencies, it is the responsibility of the primary agencies is to coordinate with the identified support agencies for the specific ESF, to gather input to ESF modifications and improvements, and to complete the necessary modifications to the ESF. Designated support agencies are responsible to assist the primary agency in preparing the update of the ESF.

The CEMP is a living document maintained and revised by the Office of Emergency Management. Changes to this document need the approval of the OEM Manager and do not need board approval as long as the intent of the plan does not change. A revised version of the CEMP will then be published and distributed to all OCERT members and other relevant personnel or groups.



Promulgation Statement

This plan provides a framework through which Orange County as a county plans and performs the respective emergency functions during a disaster. It assists the governments and non-governmental partners of Orange County to function effectively, regardless of disaster phase, while also providing support to on scene emergency response personnel working to preserve life and property for the citizens of Orange County.

With the promulgation of this plan, the National Preparedness System and the National Incident Management System (NIMS) standardized procedures for managing personnel, communications, facilities and resources improves the County's ability to utilize state and federal funding enhancing local and state agency readiness, maintain first responder safety, and streamline incident management support and processes as adopted. A resolution adopting this plan is located in the Foreword Section of this plan on page vi.

CEMP Distribution List

- American Red Cross
- Central Florida Regional Transportation Authority (LYNX)
- Florida Department of Health in Orange County
- Orange County Information System and Services Division (ISS)
- Orange County Animal Services
- Orange County Communications
- Orange County Community, Environmental & Development
- Orange County Consumer Fraud
- Orange County Fire and Rescue
- Orange County Health Services Department
- Orange County Human Resources
- Orange County Property Appraisers Office
- Orange County Public Works
- Orange County Purchasing/Contracts
- Orange County Sheriff's Office
- Orange County Utilities
- Orange County Website
- Orange County Municipalities
 - City of Apopka
 - City of Belle Isle



- Town of Eatonville
- City of Maitland
- City of Ocoee
- City of Winter Park
- Town of Windermere
- Reedy Creek Improvement District (Cities of Bay Lake and Lake Buena Vista)
- City of Edgewood
- City of Orlando
- Town of Oakland
- City of Winter Garden
- Salvation Army
- Duke Energy
- Orlando Utilities Commission
- People's Gas (TECO)

Distributed Changes

Any request to change the CEMP is submitted to the Office of Emergency Management and notated on the Record of Changes form located in this plan (p. iii). The Record of Changes form is then updated and notification email will be sent to stakeholders by the OEM planner and the most update copy will be distributed via electronic means.



Situation/Assumptions

This section of the Basic Plan includes the following information:

- Hazard Analysis
- Geographic Info
- Demographics
- Economic Profile and Impact
- Support Facilities

Orange County's Geographic Information System (GIS) contains current information and can be assessed prior to and following an emergency and/or disaster.

Several planning assumptions were made during the development of the Orange County Comprehensive Emergency Management Plan (CEMP).

- A major or catastrophic incident will overwhelm the capabilities of Orange County and its municipalities to provide prompt and effective emergency response and short term recovery measures.
- Transportation infrastructure will be damaged and local transportation services will be disrupted.
- Widespread damage to commercial telecommunications facilities will be experienced and the ability of first responders, government, and non-government agencies to communicate during the response phase will be impaired.
- Homes, public buildings, and other critical facilities and equipment will be destroyed or severely damaged.
- Debris may make streets and highways impassable, limiting the movement of emergency supplies and resources.
- Public utilities will be damaged and either fully or partially inoperable.
- Many victims will be in life-threatening situations requiring immediate rescue and medical care.
- There will be shortages of a wide variety of supplies necessary for emergency survival.
- Hospitals, nursing homes, pharmacies, and other health/medical facilities will be severely damaged or destroyed. Those that do remain in operation may be overwhelmed by the number of victims requiring medical attention.
- Damage to the region's airports could have significant impact on the region's economic prosperity and on the ability to move supplies and goods in and out of the County and the region.



Hazard Risk Identification and Vulnerability Descriptions

The following section identifies and describes the potential hazards for Orange County and its jurisdictions. Each potential hazard and sub-hazard that has been identified for Orange County has been evaluated and analyzed by the Local Mitigation Strategy (LMS) Working Group Committee. A hazard and vulnerability assessment is conducted as a process of defining, identifying, and classifying vulnerabilities and their risks to Orange County and its municipalities.

As a result of the severity of impact Orange County considers the hazards below as their core or hazards of most significance. An in-depth analysis of the risk, vulnerability and impacts of these hazards can be found on the LMS.

- Diseases and Pandemics
 - Animal, Human, Plant/Agriculture
- Extreme Temperatures
 - Drought, Freezes/ Winter Storms, Heat Waves
- Floods
- Severe Thunderstorms
 - Hail, Lightning, Tornadoes
- Sinkholes/Land-subsidence
- Hazardous Materials
- Terrorism/CBRNE
- Tropical Systems
- Wildfires

Due to State requirements for the Comprehensive Emergency Management Plan (CEMP) Orange County has included the following Civil Disturbances, Critical Infrastructure Failure, Major Transportation Incidents, Mass Migration, Radiological Nuclear accidents and Special Events on the CEMP. These hazards were considered having minimal impact among local officials and were excluded from having an in-depth analysis. The Hazard Summary Annex summarizes the consequence analysis of each core hazard or hazard of most significance that could potentially impact the public, responders, and continuity of operations including the continued delivery of service, property, facilities, infrastructure, environment, economy and public confidence.

Diseases and Pandemic

Diseases and Pandemic are caused by a number of different microbiological organisms Such as bacteria, viruses, fungi, parasites, or other pathogens. According to the Orange County Health Department there are a variety of diseases that can affect animals, humans, and plants/agriculture in Orange County.

For the most part, these diseases have been mild in nature with minimal impacts or widespread casualties in Orange County. The majority of diseases or pandemic outbreaks are controlled by the Health Department and most of the trends we see are reported by physicians, hospitals, laboratories, or other medical providers and community partners.



Several diseases present an annual threat to Orange County. Societal, environmental and technological factors impact the occurrence and persistence of diseases worldwide, as new diseases emerge or new vulnerabilities present themselves each year. Old diseases may even reappear or develop drug-resistant strains in animals or humans, such as malaria, tuberculosis, or bacterial pneumonias. Many diseases can be carried By infected People, animals, and/or insects. There are even those that can contaminate Local agriculture and impact the crop harvest.

Animal

There are a number of diseases that can be transmitted amongst Orange County's animal population, both for pets as well as livestock. The State of Florida's Department of Agriculture and Consumer Services, Division of Animal Industry oversees the reporting of these diseases.

- Avian Influenza
- Hoof and Mouth
- Rabies
- Swine Influenza

There have been isolated reports of these Animal diseases, but none to the degree to cause large impacts or losses in Orange County. However, there is still a chance that these diseases or others could create significant impacts in the future.

Human

Human diseases can be caused by a range of pathogens with varying symptoms and effects, from mild to lethal. Many of these are regularly occurring, such as influenza or its many different strains that circulates across the United States and overseas. Most healthy people recover from the flu without problems, but certain people, such as children, elderly, or individuals with compromised immune systems, are at a higher risk fr serious complications. Due to the large visitor populations that come to Orange County, there is a higher chance for exposure to many types of human diseases from all over the country or even the world.

During 2013-2014 Orange County experienced a handful of cases of Middle East Respiratory Syndrome (MERS) from international travelers. The monitoring for Ebola and preparedness efforts were significantly higher over the past year as well due to its outbreak in West African countries, but no cases occurred in Florida. Tuberculosis has also seen a higher than normal rate of occurrence, especially in the transient and farm worker populations. In 2015-2016, the Zika virus, another mosquito-borne virus, made an appearance primarily through travel-related cases around the country with several hundred people in Orange County being infected. As is the case with emerging infectious diseases, it is tough to predict where, when, and how many people may be affected, or how long the effects may last.



Human diseases can come in a variety of different pathogens, each with their own varying degrees of infection, symptoms, and lethality. Some of these that have been diagnosed in Orange County are listed below; however, this is by no means a comprehensive list of possible diseases that exist or may come to exist in the future.

- Botulism
- Dengue Fever
- E. Coli
- Hepatitis A, B, and C
- Influenza strains
- Meningitis (Bacterial & Mycotic)
- Salmonellosis
- Tuberculosis
- West Nile Virus
- Zika Virus

Public health systems in Orange County and support from other health and medical providers help to create an extensive network for monitoring infection trends.

Plant / Agriculture

Florida is among the top three agriculture-producing states in the nation with Orange County listed as the 9th highest county for the value of agricultural products in 2007 at \$270 million. These industries are susceptible to many hazards including freezes, droughts, and exotic pests or diseases. Agricultural crops are grown predominantly in the rural areas of the county, including the eastern and northwestern portions of the county. Most crops are vulnerable to the effects of some kind of disease or pest/infestation. As a result, much like the rest of Florida, growers in Orange County use large volumes of pesticides to help promote healthy crops. Silviculture and agriculture, especially citrus production, plays a role in the Orange County economy. The main threats to the Orange County agriculture industry are:

- Citrus Canker
- Fungal diseases
- Huanglongbing (or Citrus Greening)

Orange County's growing visitor population, foreign residents, transportation network, and international travelers may also play a role for increasing the likelihood of infection. Our growing resident population may also increase the extent that most areas of the county could become exposed to a disease as it can travel more quickly and creates difficulty in preventing the spread of infection. Expectations are that Orange County would first experience an epidemic with smaller-scale outbreaks; every attempt would be made by the



public health system in place to address this type of incident. If the public health system were to become overwhelmed, or if the rate of spread were to reach a tipping point, a pandemic level could be reached in a worst-case scenario. The most likely situation for a pandemic in Orange County would likely be from a strain of Influenza; this is the scenario public health agencies are preparing for their operations and are focusing on for their prevention activities.

Meanwhile, less densely populated municipalities or rural areas of the unincorporated county that are used for agriculture, silviculture, or raising livestock are more susceptible to animal and plant diseases. There are monitoring systems in place around the county, such as sentinel chickens, that are used to detect the presence of certain pathogens, like Dengue Fever or West Nile virus that are spread by mosquitos. Other State agencies are also on hand to help provide additional support, supplies, or equipment to identify, assess, or treat diseases found in animal or plant/crops that reduces the vulnerability of the county and its municipalities.

There are several different vulnerable populations that exist for Diseases and Pandemic. Farm workers could potentially impact the spread of plant or agriculture diseases without realizing they are carrying mold, bacteria, or viral agents on their clothing or footwear. Those workers that come into contact with animal may potentially help spread pathogens to other animal populations as well. Children, elderly, inmates, and transient populations may be the most vulnerable to human diseases, as well as those with special needs whose immune systems may be compromised. Seasonal visitors may also be susceptible to human diseases as they may come into contact with large numbers of people from all over the world.

As previously stated, the most likely pandemic Orange County would face would be from a strain of Influenza. This type of pandemic would occur when a new influenza virus emerges for which there is little or no immunity for humans. This new virus could then begin to cause serious illness, and spread easily from person-to-person. There have not been any significant human diseases or epidemics within Florida in the last five years making the probability low. However, Orange County has occasionally experienced small-scale health related incidents such as a heightened threat to the H1N1 Influenza virus in 2009.

Diseases, especially when they reach an epidemic or pandemic phase, can result in thousands of people becoming ill or dying. Property impacts for animals and plants/crops could reach into the millions of dollars in damages as well. This hazard could also disrupt government services and businesses due to sickness or quarantine efforts of individuals/employees, as well as cause major disruption in our critical infrastructure (electrical, telecommunication, roadways, water, wastewater, etc.) through the absence of the individuals who maintain these systems and operations. These disruptions would generally be isolated, but



could potentially include the multiple portions around the County thereby making the impact to diseases equally felt countywide.

Extreme Temperatures

Orange County, as a whole, can experience natural temperature changes throughout the year; generally the temperatures are characteristic of a tropical climate, but its geography has it situated on the southern fringe of the humid subtropical climate zone. There are two main climatic seasons each year. The first is warm with good amounts of rainfall that lasts from May until late September. The second is drier and relatively cooler, from late October through April, which has less rainfall. The county's warm and humid climate is due to a low, flat elevation near the center of Florida peninsula.

Several types of sub-hazards are associated with Orange County's Extreme Temperatures: drought, freezes/winter storms, and heat waves. Each of these hazards has its own list of previous occurrences, affected locations, extent of damages, probability of future incidents, impacts, vulnerabilities, and overall risks. As such, these sub-hazards will each be described and evaluated separately.

Drought

Drought is basically a deficiency of precipitation over an extended period of time, resulting in a water shortage for some type of activity, group, or an environmental sector.

Drought should be considered relative to some long-term average condition of balance between precipitation and "evapotranspiration" (i.e., evaporation plus transpiration) in a particular area, a condition often perceived as "normal." It is also related to the timing (i.e., principal season of occurrence, delays in the start of the rainy season, occurrence of rains in relation to principal crop growth stages) and the effectiveness (i.e., rainfall intensity, number of rainfall events) of the rains. Other climatic factors such as high temperature, high wind, and low relative humidity are often associated with it in many regions of the world and can significantly intensify its severity.

When drought begins, the agricultural sector is usually the first to be impacted because of its heavy dependence on stored soil water. Those who rely on surface water (i.e., reservoirs and lakes) and subsurface water (i.e., ground water), for example, are usually the last to be affected. A short-term drought that persists for three to six months may have little impact on these sectors, depending on the characteristics of the hydrologic system and water use requirements.



Freezes / Winter Storms

Description: A winter storm is defined as a storm that can range from a few hours of moderate snow to blizzard-like conditions with wind-driven snow that can last for days. Winter storms can impede visibility, affect driving conditions, and can have an impact on communications, electricity, or other critical services. Winter storms can range from several states to one county. Orange County is not generally susceptible to winter storms, because temperatures rarely reach snow-producing levels. This does not mean that snow and winter weather is unheard of, but it is a rare occurrence. The climactic conditions for long lasting winter storms are also not favorable.

Temperatures, however, can reach freezing levels low enough to cause damage to crops and water lines/pipes. Freezing occurs when temperatures are below freezing (32° F) over a wide spread area for a significant period of time. Freezing temperatures can damage agricultural crops and burst water pipes in homes and other buildings. Frost, often associated with freezes can increase damaging effects. Frost is a layer of ice crystals that is produced by the deposit of water from the air onto a surface that is at, or below, the freezing point. A freeze warning is issued to make the public and agricultural interests aware of anticipated freezing conditions over a large area. Similarly, a hard freeze is issued under the same conditions as a freeze warning, but the temperatures may stay well below 28° F for the duration of four hours or more.

Heat Waves

The middle of Orange County's summer season is quite humid with high Temperatures usually in the lower to mid-90s° F, while low temperatures rarely fall below 70° F. The humidity can act like a buffer and typically prevents actual temperatures from exceeding 100 °F. However, the heat index to over 110 °F (43 °C). The city's highest recorded temperature is 103 °F, set on September 8, 1921. During the summer months, strong thunderstorms occur in the afternoon almost daily, which can help to cool the temperature slightly.

A heat wave, which is different from a drought, is when temperatures are abnormally and uncomfortably hot for an extended period of time. This event could continue from one day to several weeks. Heat waves are often accompanied by high humidity and can have a great impact on lives, including heat strokes, heat exhaustion, and even death. Heat kills by pushing the human body beyond its limits. In a humid environment like we have in Orange County, evaporation is slowed and the body must work harder to maintain a normal temperature. All of Orange County is susceptible to heat wave conditions.



Floods

Flood or flooding refers to the general or temporary conditions of partial or complete inundation of normally dry land areas from the overflow of inland or tidal water and of surface water runoff from any source. Waters can collect in areas called floodplains that are defined as any land areas susceptible to being inundated by water from any flooding source. In Orange County and most of its jurisdictions, that flood source is normally rain that exceeds the carrying capacity of its drainage systems. Tropical systems like tropical depressions, tropical storms, or hurricanes can also bring with them large amounts of falling water. The average annual rainfall in Orlando is 50.6 inches (1,290 mm), the majority of which occurs in the period from June to September. The months of October through May are Orlando's driest season.

Other bodies of water like rivers, lakes, streams, wetlands, or even overburdened stormwater systems, can also cause flooding through rising waters where water systems collect. Low lying areas and/or poorly drained land can also accumulate rainfall through ponding on the surface. Floodplains help to store water for eventual release after the end of the storm. In many communities, flooding can cause severe impacts and justifies the importance of carrying flood insurance.

Severe Thunderstorms

The State of Florida is considered the thunderstorm capital of the United States. Thunderstorms are a common occurrence in Orange County and its jurisdictions, especially during the hot summer months. A mid-afternoon thunderstorm is almost a daily event. Thunderstorms are created when warm, moist air rises and meets cooler air; these storms can produce lightning, high winds, hail, tornados, and heavy rain, which can cause flooding. Only about 10% are considered severe, according to NOAA. In order to be considered severe, the NWS states that the thunderstorm must include one of three characteristics: produces winds greater than 58 miles per hour, produces hail that is 0.75 inches in diameter or greater, or produces tornados.

Thunderstorms, hail, and lightning affect a relatively small area when compared to other weather events, like tornados or tropical systems. The typical thunderstorm is about 15 miles in diameter and lasts an average of 30 minutes. Despite their small size, all thunderstorms can be dangerous. Of the estimated 100,000 thunderstorms that occur each year in the United States, about 10 percent are classified as severe. The Severe Thunderstorm hazard is comprised of three (3) other sub-hazards, including: hail, lightning, and tornados. The sub-hazards are described in further detail below.

Hail



Hail is composed of ice and range widely in size. Hailstorms are closely associated with thunderstorms, which form the hail stones as they cycle through the storm clouds multiple times. The hailstones are suspended by the strong upward motion of the air until the weight of the hail can no longer be carried by the updraft of wind and they fall to the ground. Hail stones generally fall at faster rates as they grow in size, though other factors such as melting, friction, wind, and rain or other hail stones can slow them down. Severe weather warnings are usually issued for hail when the stones reach a damaging size, causing serious property damage to automobiles and structures, as well as agricultural interests.

Lightning

Lightning is one of the other products of severe thunderstorms that can cause damages, casualties, or deaths. Lightning is basically a giant electrical charge that sparks in the atmosphere or between the atmosphere and the ground. In the initial stages of development of a thunderstorm, the air acts as an insulator between the positive and negative charges in the cloud and between the cloud and the ground. When the difference in charges becomes too great, the capacity of the air to act as an insulator breaks down. Then there is a rapid discharge of electricity that is seen in the form of lightning. Lightning can occur between opposite charges within the thunderstorm cloud (intra-cloud lightning) or between opposite charges in the cloud and on the ground (cloud-to-ground lightning). One of the main dangers of this hazard is that lightning cannot be forecasted.

Tornados

Tornados are violently rotating, massive columns of air that is in contact with both the surface of the earth and its cloud base. A tornado's wind speed normally ranges from 40 mph to more than 300 mph. They are also described by several names, such as "twisters," "vortexes," or "cyclones." "Funnel clouds" are shaped like their name but do not make contact with the ground. Not all tornados have visible funnel-shaped clouds. "Waterspouts," which form over water bodies, are usually weaker than their land-based counterparts. Waterspouts occasionally move inland, becoming tornadoes and causing damage and injuries.

Although most people associate tornados with the Midwest, Florida has nearly as many tornados as many mid-western States. Florida tornados are generally of short duration and have a narrower path. These funnel clouds can be spawned by hurricanes and appear predominantly along the right-front quadrant of the storm. While tornados are more prevalent in west-central Florida, southeast Florida, and portions of the panhandle, Orange County has seen many of these types of severe weather events over the years.



Sinkholes / Land-subsidence

Sinkholes are a common feature of Florida's landscape due to the state's Karst topography. This karst topography is terrain produced by the process of erosion associated with the chemical weathering and dissolution of carbonate rock and can include caves, disappearing streams, springs, and underground drainage systems, all of which occur in Florida. A sinkhole is a type of land-subsidence that is formed when the carbonate layers of limestone or dolomite that lie beneath the ground's surface are eroded away, being dissolved by flowing groundwater that is acidic.

During this point, the water helps to support the walls of the cavity, but over time, if the water table drops, the support provided by the groundwater disappears and the cavity erodes further. In addition, the weight from the ground above the void increases stress on the cavern and the collapse occurs, taking with it whatever objects may have been located above. This collapse is usually an abrupt event and can have the potential to be catastrophic to infrastructure, roadways, homes or other buildings situated on the surface above the sinkhole.



Hazardous Materials

Description: Hazardous materials (HazMat) are those substances that are used every day in a variety of industrial and commercial applications. These are deemed to be dangerous due to their toxic nature, through flammability, radioactivity, explosive, corrosive, oxidizing, asphyxiating, bio-hazardous, pathogenic, or allergenic nature. Orange County and its jurisdictions have a variety of these hazardous materials that are moved into, out of, thru, or within their boundaries.

The accidental or purposeful release or spill of these volatile substances into the environment where human, plant, and/or animal life could be endangered comprises this hazard. Many times, these types of incidents are caused by accidents that occur due to human error(s). They are often unpredictable, no-notice events that can cause significant loss of life, property damage, and economic disruption.

The use of hazardous materials, such as chemicals, toxic substances, and radiological materials, have become commonplace in both urban and rural communities. The transportation of these agents or elements has become commonplace in our society, with uses across the board from industry to agriculture, medical procedures to water treatment, communications to research, and other technological uses. Leaks, spills, or releases can also occur from the containers that are transported on the multi-modal network that crisscrosses Orange County and poses a threat to a large number of residents and visitors.

The primary hazard identified for analysis in Orange County and its jurisdictions are chemicals; however, we do recognize that other dangerous materials that are transported to, from, thru, and within Orange County by highway, surface roads, airports, and rail lines. It is also important to note that this hazard is related to the spill or release of the materials and is separate from the terrorism hazard that will be discussed later.

For chemicals, the types of Extremely Hazardous Substances (EHS) are described in Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986. These refer to various chemicals that could cause serious health effects following short-term exposure from accidental releases. The State of Florida passed a law, referred to as the Emergency Planning and Community Right-To-Know Act (EPCRA) in 1988, for the local regulation of these chemicals. For the first time, passage of the EPCRA allowed emergency planners, responders, and the public access to facility-specific information regarding the identification, location, and quantity of particular hazardous materials at fixed sites.

The law requires facilities that maintain certain chemicals at particular threshold quantities to report annually to state and local emergency officials. In addition, facilities must immediately notify officials of any releases of harmful chemicals



that have the potential to result in offsite consequences or impacts to the environment or atmosphere. This information is utilized to prepare emergency plans for hazardous materials incidents, to allow responders to receive training based on specific known threats, and to inform and educate the public regarding the chemicals present in their communities. Orange County has more than 700 fixed facility locations that report the presence of chemicals with over 200 sites having an EHS in mandated threshold amounts.

Terrorism / CBRNE

Description: Terrorism is defined in the Code of Federal Regulations as “the unlawful use of force and violence against persons or property to intimidate or coerce a government, the civilian population, or any segment thereof, in furtherance of political or social objectives.” It is the use of force or violence committed by an individual or group of varying degrees of organization that may be foreign or domestic in origin. These actions are carried out against persons that are considered to be civilians or non-combatants, as well as their property, in violation of the criminal laws of the United States for purposes of intimidation, coercion, or ransom.

In many cases, the use of basic armaments like guns or knives is the primary weapons, but these may limit the damage that results. In some cases, harmful substances are used against the target in the attack(s) for catastrophic results and have been termed “weapons of mass destruction,” which includes: chemical, biological, radiological, nuclear, or explosion (CBRNE) materials.

Early in the morning on Sunday, June 12, 2016, a gunman entered a nightclub in the City of Orlando and committed a mass shooting. The City of Orlando Emergency Operations Center (EOC) was activated for eleven (11) days following this tragedy. Personnel and supporting agencies from around the area provided assistance to the on-scene incident command, provided public information, and coordinated support services for victims’ families and next of kin. While the immediate threat has ended, the city and local areas are still healing from the wounds, both physical and emotional, that were inflicted during this tragic incident. This type of event is unprecedented in the City of Orlando and Orange County. Much of the information and analysis is still in process and will be for some time to come.

There have not been any other documented terrorist incidents, nor have any incidents involved the malicious use of CBRNE materials, in Orange County or its municipalities. There have been several threats that have taken place, but they did not materialize or were stopped before they could be carried out.

Nevertheless, it is very important for authorities to take all precautions and act accordingly. Due to the magnitude of damage and injury that could occur if a terrorist event were to occur, especially considering the recent tensions at home and abroad, this issue should be taken into consideration when planning for



disasters. Efforts should also be made to enhance training, equipment and supplies to Orange County emergency agencies, domestic security resources, and intelligence gathering, analysis, and dissemination from fusion centers.

Other events that Orange County hosts throughout the year, or even on a less frequent basis, receive a great deal of attention. Preparation to help prevent terrorist activity is heightened in advance of these activities. Because of the significance of these establishments or events, any incident would create a large media response and generate continued exposure. Athletic events, parades, concerts, political rallies, or other mass gatherings may all have some potential for a terrorist event.

Radiological/Nuclear Accidents

The State of Florida currently has three nuclear power plants. These include:

- Crystal River Nuclear Power Plant
- St. Lucie Nuclear Power Plant
- Turkey Point Nuclear Power Plant

According to the Federal Emergency Management Agency (FEMA), a plume emergency planning zone (EPZ) is for those communities within a 10-mile radius of a nuclear plants plume exposure.

The ingestion exposure pathway is where the population may be vulnerable to the health effects associated with the ingestion of contaminated food and water. An ingestion-planning zone exists for communities within a radius of 50 miles from a nuclear plant. There is a low probability of a radiological accident of this type affecting Orange County as it is not located within the immediate vulnerable zone of the closest fixed nuclear facility. The St. Lucie Nuclear Power Plant which is over 100 miles away is the closest facility.

At the Kennedy Space Center located in Brevard County, spacecraft being launched hauling Radioisotope Thermoelectric Generators create a low risk for long term exposure here in Orange County. However, during these launches, Orange County has been designated as an ingestion county., Meaning that in the event of a launch emergency, Orange County would be at risk for long-term radioisotope exposure from the Radioisotope. The probability of this occurring is lowhas lowered due to Kennedy Space Center has having limited its number of launches from due to budget cuts and having an excellent record of successful launches.

The Nuclear Regulatory Commission has estimated that 3 million packages of radioactive materials are shipped each year in the United States, either by



highway, rail, air, or boat. There are several facilities within Orange County (hospitals, universities) that use small amounts of radioactive substances for medical and research purposes making the vulnerability low to medium. However, in the past 10 years, there have been no significant incidents within Orange County.

A radiological/nuclear related incident could have profound effects on the county based on its proximity, size, and intensity. In a worst-case scenario it could contaminate portions of the county and injure and/or kill residents. This hazard would also have a profound impact on our local and statewide economies



Tropical Systems

Description: Tropical systems, like tropical storms or hurricanes, are one of the most destructive natural hazards. They can cause considerable amounts of damage and property losses in Florida and Orange County. These storms are characterized by sustained high velocity winds circulating around a moving low-pressure center. They form and develop over warm water due to atmospheric instability and have the ability to impact entire regions and can affect the lives of thousands of people, homes, and businesses. Mitigating the hazards associated with tropical cyclones is an important and on-going endeavor.

Sometimes referred to as coastal storms due to their approaching pathways to Florida, the impacts can be felt farther inland as the sheer size of these storms encompasses more than just coastal communities. There are various degrees of tropical cyclones that may affect the state of Florida, and, more specifically, Orange County: tropical depressions, tropical storms, and hurricanes.

- **Tropical depressions** (TD/SD) are a loose grouping of storms containing large amounts of rain associated with a moving low pressure system with a maximum of sustained winds at less than 39 mph. For the scope of this document, tropical depressions were not tracked as they are not "named storms," although they do have a moderate rate of recurrence.
- **Tropical storms** (TS/SS) contain a similar moving low pressure system carrying massive amounts of rain with better organization and a slight counter-clockwise rotation or circulation with sustained winds of 39 to 73 mph. The center of the storm, or the "eye," may be present but difficult to discern.
- **Hurricanes** (H1, H2, H3, H4, H5) have a full rotation around the low pressure center with a distinct eye. These storms can create a variety of severe weather related hazards, and they can dump a torrential amount of rain across a large area. Depending upon the category of the storm (H1, H2, H3, H4, or H5), they can also produce sustained winds anywhere from 74 to over 157 mph with even higher gusts. Other related hazards are tornados, lightning, and flood conditions.

Orange County has experienced 37 different tropical systems that have all come within 65 miles within the center point of the County. Due to the large size of most tropical systems, the occurrences listed below in Table 24 will be those systems whose "eye" or center point of the system crossed the border of Orange County. There have been a total of 13 systems that qualify under this caveat, with all of them impacting at least the Unincorporated County. Other municipal areas that were impacted are also listed in Table 24. The other 24 systems came within close range to Orange County and its jurisdictions, but their impacts were more indirect, such as rain, elevated winds and gusts, and possible evacuations from surrounding areas to Orange County.



Wildfires

Description: Wildfire is defined by the Florida Forest Service (FFS) as “any fire that does not meet management objectives or is out of control.” Wildfires occur in Orange County nearly every year to some degree. They are a part of the natural cycle of Florida’s fire-adapted ecosystems. Many of these fires are quickly suppressed before they can damage or destroy property, homes and lives. Orange County’s wildfire season generally runs from January through May when the weather is cooler, rainfall amounts are lower, and vegetative fuel is dry. A combination of these factors, along with moderate winds, makes conditions just right for the spread of fire.

There are different types of wildfires that occur in Orange County:

- **Surface Fires:** burn along the forest floor consuming the litter layer and small branches on or near the ground.
- **Ground Fires:** smolder or creep slowly underground. These fires usually occur during periods of prolonged drought and may burn for weeks or months until sufficient rainfall extinguishes the fire, or it runs out of fuel.
- **Crown Fires:** spread rapidly by the wind, moving through the tops of the trees.
- **Wildland/Urban Interface (WUI) Fires:** fires occurring within the WUI in areas where structures and other human developments meet and intermingle with undeveloped wildland or vegetative fuels. Homes and other flammable structures can become fuel for WUI fires.

Orange County experiences wildfires nearly every year in some Fashion, but most of these are relatively small brushfires and do not require vast amounts of resources to put out. Over the past five (5) years, there have not been any significant wildfires in Orange County.

Civil Disturbance

Civil disorder is the result of groups or individuals within the population feeling, rightly or wrongly, that their needs or rights are not begin met, either by society at large, a segment thereof, or the current overriding political system. Civil disturbance can also occur in reaction to political movement or special events that attract large crowds, or as a result of an unemployment or economic crisis. When groups or individuals disrupt the community to the point where intervention is required to maintain public safety, the event has become a civil disturbance.

Triggers for civil disturbance spans a wide variety of actions and includes, but is not limited to racial tensions, religious conflict, unemployment, a decrease in normally accepted services or goods, or unpopular political actions



Orange County and its municipalities have no recorded instances of a large civil disturbance in recent years. It does have a history of peaceful rallies demonstrations that have occurred mainly in downtown Orlando. The probability of civil disturbance occurring in Orange County is considered unknown and rare probability of occurrence

Mass Migration

Mass migration refers to the migration of large groups of people from one geographical area to another. A large uncontrolled influx of immigrants has the potential of significantly disrupting the social and economic stability in Orange County by overwhelming the delivery of essential services such as medical response and public safety. The control of immigration into the United States is the responsibility of the United States Department of Homeland Security (DHS).

A large uncontrolled influx of immigrant has the potential of significantly disrupting the social and economic stability of community by overwhelming the delivery of essential services. Orange County may have to provide basic care such as: Shelter, food, water, medical and social services.

Triggers for civil disturbance spans a wide variety of actions and includes, but is not limited to natural disasters, political turmoil or Armed Conflicts. Due to the growing nature of these events around the world there is a possibility that Orange County may experience mass migration. However, this is considered unlikely. There are no known specific events for mass migration in Orange County.

Coastal Oil Spills

Orange County is not a coastal county and has chosen to omit Coastal Oil Spill as a hazard.

Critical Infrastructure Failure

Critical infrastructure refers to those assets, systems, and functions so vital to Orange County that their disruption or destruction would have a debilitating effect on the economy, governance, public health and safety, and morale. Critical infrastructure refers to transportation, energy systems, banking and financial assets, water supplies, chemical plants, food and agricultural resources, police and fire departments, hospitals and public health systems, information systems, and government offices.

These disruptions can be caused by a number of events to include but not limited to:



- Natural or Technological Disasters
- Sabotage
- Equipment Failures

Orange County has a medium vulnerability in experiencing a critical infrastructure disruption to some degree each year, as in the loss of power to part of the grid due to a thunderstorm. However, these incidents are usually rectified quickly. The probability of encountering this hazard is low.

It is important to determine the vulnerability of critical facilities and infrastructure for emergency response efforts and long-term redevelopment strategies. Critical Infrastructure disruption could arise in conjunction with another hazard, such as a terrorist event, hurricane, tornado, ice storm, drought, or other hazards. Disruption in any particular one for a short period does not necessarily indicate a disaster, however it will likely warrant a swift response by the owner, agency or a combination of entities. Through contingency planning and prompt response at each critical facility, the disruption can be minimized.

Based on the vulnerability assessment of a disruption or destruction of critical infrastructure having a debilitating effect on the economy, the estimated and anticipated losses could be \$10,000 to over \$100,000 or more.

Special Events

Special events occur every year within Orange County making it a major tourist destination. These community events involve congregations of large numbers of people, and are typically supported by the presence of local emergency services, such

as fire, emergency medical services, and law

enforcement. Events include visiting dignitaries, holiday parades, festivals, sporting events, conventions, and conferences.



Citrus Bowl Orlando, FL

Source: Orlando Sentinel

These events are normally cause for celebration, however the presence of a large number of people may create an increased vulnerability potential for casualties or loss if an accidental or intentional incident occurs at the event.

With the event being geographically isolated, the probability of encountering such a situation is low to medium. This is based on the fact that there have been no



instances recently of this threat in Orange County. The severity of the financial impact to the county is rated as medium because of the potential loss of \$100,000 or more in tax revenue if an incident happened at a special event and the potential number of casualties.

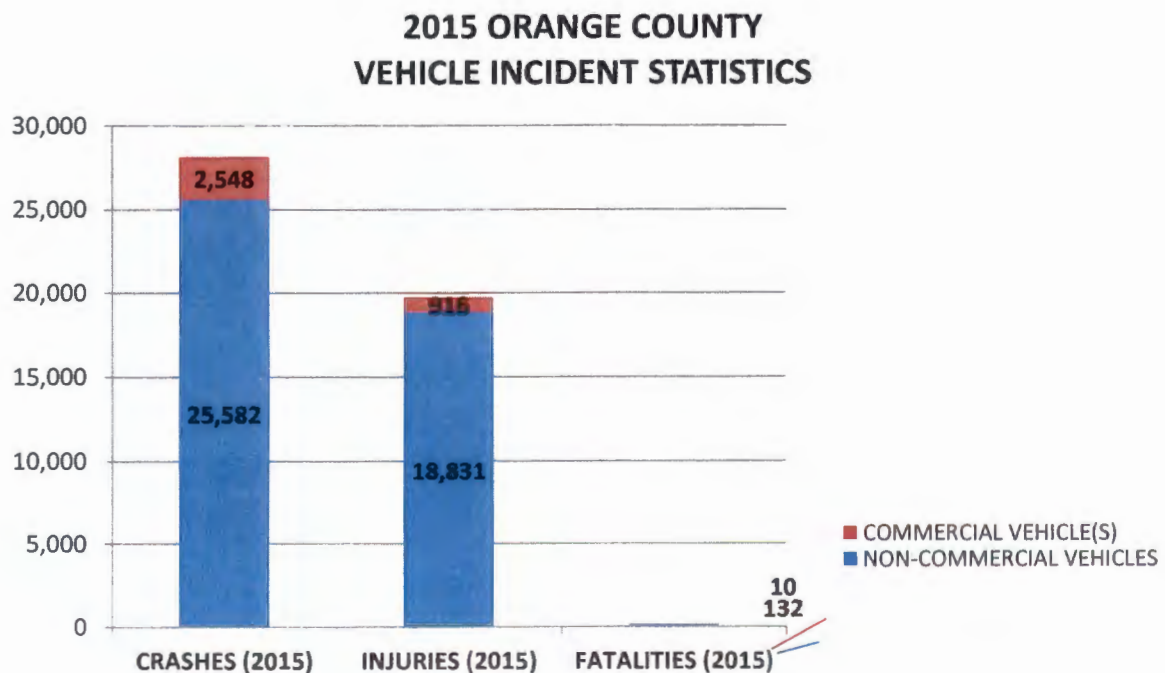
Major Transportation Incidents

Major transportation incidents can happen at any time. These incidents can involve a plane, rail, automobile, bus or tractor trailer. Orange County has an increased vulnerability for major transportation incidents based on its population density, traffic patterns, weather conditions and other unknown hazards.

Orange County has an International Airport, Regional Airport, Railroads, the Florida Turnpike, Interstate 4, and toll roads 528, 429, 417, 414, 408 located throughout the County. Interstate 4 and the Florida Toll Roads are all major thoroughfares for businesses, corporations, and citizens. Tourists also use these highways to visit the major tourist attractions in Orange County.

According to Florida Department of Transportation (FDOT), Orange County has 2,613 miles of paved roads. A number of serious injuries and fatalities have occurred on Orange County Roads. Figure B-4 shows a graph of accidents where drivers suffered serious injuries and or death for 2015

Figure B-4: Injuries and Fatalities in Orange County



Source: Florida Department of Highway Safety and Motor Vehicles 2015 Traffic Crash Facts Annual Report 2015 (2016)



a) Orlando International Airport (MCO)

OIA has four parallel runways, two of which are 12,000 feet long, one that is 10,000 feet long, and one that is 9,000 feet long.

In 2016, Orlando International Airport handled 41,923,399 passengers, making the 2nd busiest airport in Florida, 13th busiest airport in the U.S. The airport is centrally located and is within a two hour drive of 60 percent of the state's population. MCO has 18,000 employees and generates \$31 billion in direct and indirect revenue for the regional economy.



Orlando International Airport

Source: Orlando Sentinel

b) Orlando Executive Airport (OEA)

OEA is situated on 1,056 acres owned by the City of Orlando. The airport has two parallel runways, measuring 6,004 and 4,625 feet long. In 2016 OEA's aircraft operations totaled more than 109,866.



Orlando Executive Airport

Source: Orlando Sentinel

c) Railroads

Orange County railroads carry freight, hazardous materials as well as passengers on its main rail line, along with several spurs, historically owned and operated by CSX Transportation, Inc. There are two main Amtrak stations located within the County. These are located in the City of Orlando and the City of Winter Park.

In 2014 the Central Florida Rail Corridor (CFRC) Transit System or SunRail began operations with stations in Sand lake Road, Orlando Health/Amtrak, Church Street, Lynx Central, Florida Hospital Health Village, Winter Park, Mainland, Altamonte Spring, Longwood, Lake Mary, Sanford and DeBary



Amtrak Station Orlando, FL

Source: Orlando Sentinel

The probability of a major transportation incident is medium to high based on these factors listed above. The bulk of these incidents involve motor vehicles and tractor trailers. However, from time to time Orange County suffers a train



derailment, toll road closure or an interstate closure. Orange County is also vulnerable to plane crashes. However, most are isolated incidents in which the plane is privately owned and is not a commercial aircraft. However, the threat is still there based on the daily flight count at Orlando International Airport.



Geographic Information

1. **Geographic Location and Topography**

Orange County is located in the East Central region of Florida, located approximately 15 miles from the Atlantic Ocean and about sixty-three (63) miles from the Gulf of Mexico at their closest points. Orange County covers an area of approximately 1,003 square miles. The topography of the county is relatively flat with some gently rolling hills and encompasses the following municipalities:

- City of Apopka
- Town of Eatonville
- City of Maitland
- City of Ocoee
- City of Winter Park
- Town of Windermere
- Reedy Creek Improvement District (Cities of Bay Lake and Lake Buena Vista)
- City of Belle Isle
- City of Edgewood
- City of Orlando
- Town of Oakland
- City of Winter Garden

Orange County unincorporated land area totals 14,793,711 acres.

2. **Land Use Patterns**

One third of land in Orange County is an undeveloped mix of agriculture, forest, and conservation lands. The residential, commercial, and industrial development has occurred mostly in the central and western portions of the County. Figure B-5 is the Future Land Use Map for Orange County located on the next page.

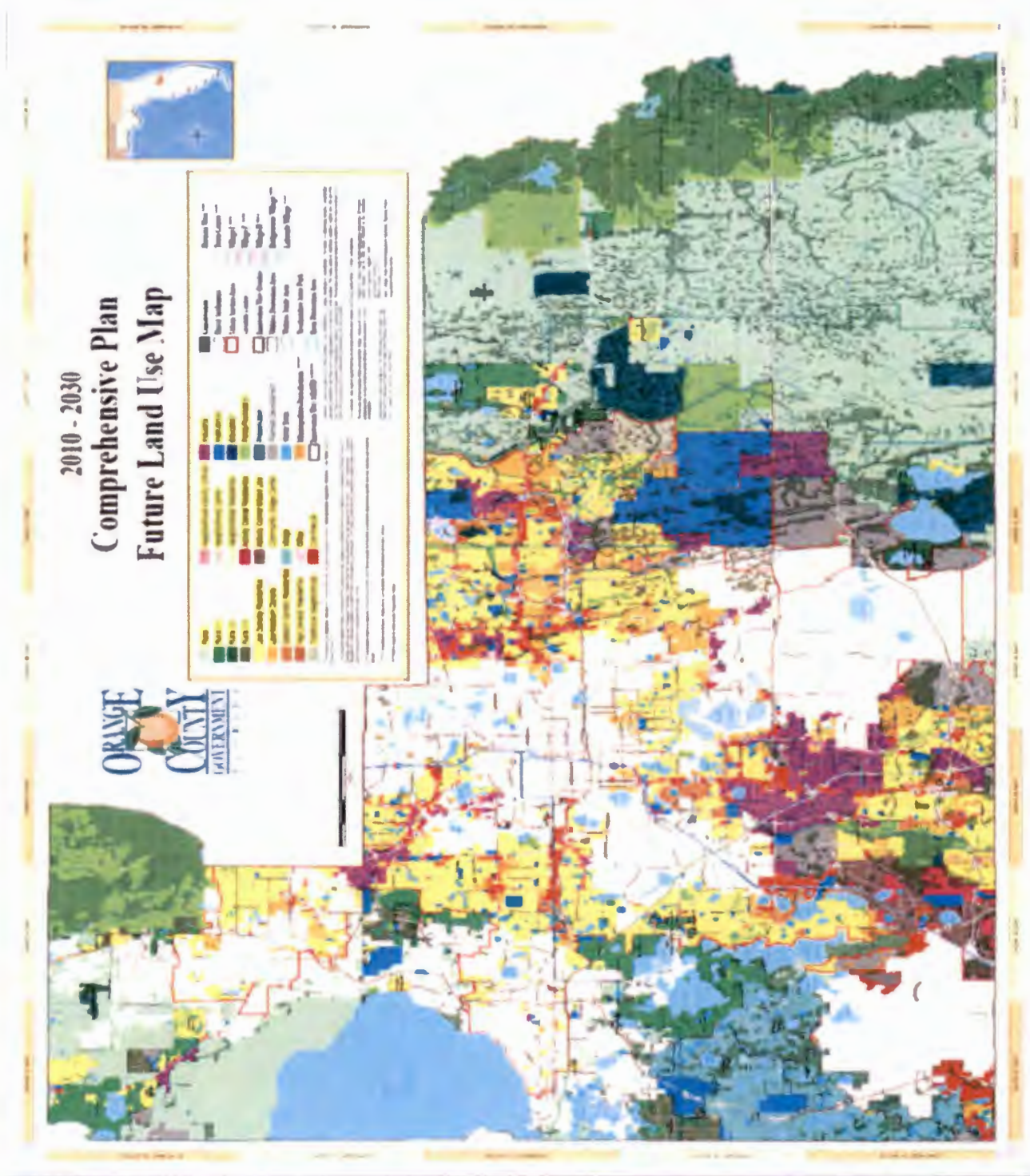


Figure B-5: Future Land Use Map





3. **Water Area and Drainage Patterns**

Orange County's lakes total 97.2 square miles lying within two major riverine systems: The northward flowing St. Johns River and the southward flowing Kissimmee River. The St. Johns River and the Kissimmee River systems drain extensive portions of Orange County in addition to being significant statewide watersheds. These two major watersheds comprise twelve smaller drainage basins. There are seven drainage basins within the St. Johns system and five drainage basins within the Kissimmee River system.

4. **Environmentally Sensitive Areas**

Orange County has 14,689 acres of environmentally sensitive areas. These sensitive areas are instrumental in providing fish and wildlife habitats, protecting water quality, preventing erosion, storing water, and providing flood control. Over the years as development has spread, a natural division and designation of urban and rural wetlands has occurred.

Rural wetlands reside in the agricultural and undeveloped sections of the County, some of which experience damage from continued agricultural runoff. Urban wetlands reside in metropolitan areas as preserves or parks in the County.

5. **Flood Prone Areas**

Orange County currently has 12 water basins that include various lakes and rivers. These basins are:

- Apopka Basin
- Little Econlockhatchee Basin
- Hart Basin
- Little Wekiva Basin
- Boggy Creek Basin
- Cypress Creek Basin
- Big Econlockhatchee Basin
- Howell Branch Basin
- Big Wekiva Basin
- Reedy Creek Basin
- Shingle Creek Basin
- St. John's Basin

The floodplains of Orange County consist of lowlands adjacent to the streams and lakes.

Orange County currently uses Federal Emergency Management Agency's Digital Flood Insurance Rate Maps (D-FIRM) to determine flooding hazards and impacts. D-FIRM maps use historic, meteorological, and hydraulic data and account for open-space conditions, flood-control works, and development to determine and show areas that are prone to flooding. Figure B-6 shows a map of the major basins in Orange County.



Figure B-6: Major Drainage Basins

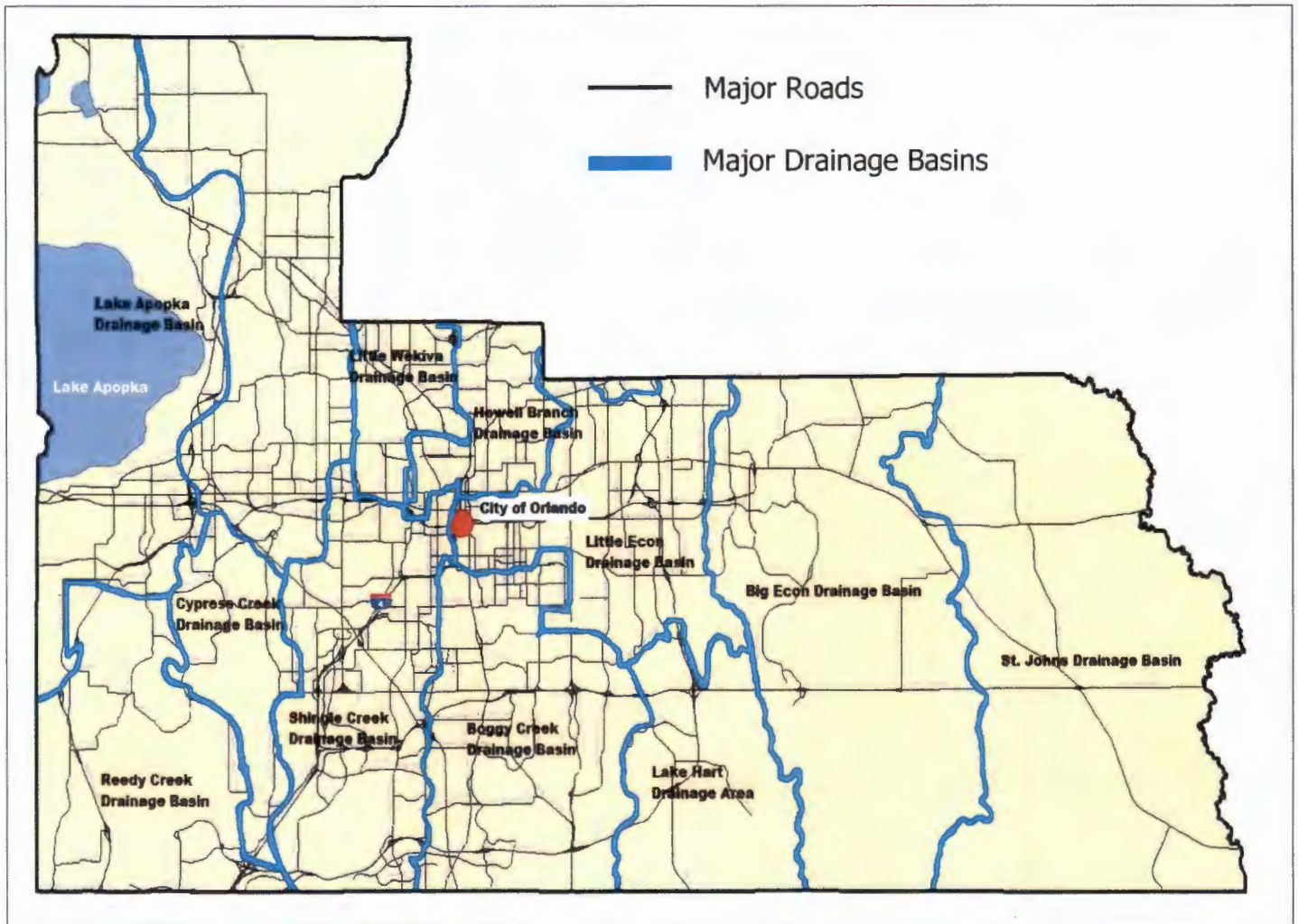


Table B-8 outlines the geographic areas of Orange County expected to suffer the impacts of the hazards identified in the hazard analysis.

**Table B-8: Geographical areas in Orange County expected to suffer impacts**

City	Apopka	Bay Lake	Belle Isle	Eatonville	Edge wood	Lake Buena Vista	Maitland	Oakland	Ocoee	Orlando	Winder mere	Winter Garden	Winter Park
Population	18,318	50	6,673	2,266	2,789	11	17,423	2,823	13,504	270,483	3,250	10,338	29,892
Hazards													
Tropical Systems	X	X	X	X	X	X	X	X	X	X	X	X	X
Floods	X	X	x			X	X		X	X		X	X
Hazardous Materials	X		X	X	X	X	X	X	X	X	X	X	X
Civil Disturbances	X								X	X		X	
Mass Immigration										X			
Extreme Temperatures (Droughts, Freezes/Winter Storms, and Heat Waves)	X	X	X	X	X	X	X	X	X	X	X	X	X
Wildfires	X								X	X	X	X	
Severe Thunderstorms (Hail, Lighting and Tornadoes)	X	X	X	X	X	X	X	X	X	X	X	X	X
Sinkholes/Land Subsidence	X					X	X		X	X		X	X
Terrorism/ CBRN	X		X			X	X		X	X		X	X
Diseases and Pandemics (Animal, Human, Plant/ Agriculture)	X	X	X	X	X	X	X	X	X	X	X	X	X
Critical Infrastructure	X						X		X	X	X	X	X
Special Events						X				X			
Major Transportation Incidents	X					X				X		X	X

Source: <https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?src=bkmk>



Demographics

According to 2015 U.S. Census Bureau estimates, Orange County's population was 1,229,039, up 83,083 (7.3%) from the 2010 population of 1,145,956. Population totals are broken down by municipality in Table B-9 below.

Table B-9: Population Totals by Municipality

Municipalities	Population Totals
Apopka	48,318
Bay Lake	50
Belle Isle	6,673
Eatonville	2,266
Edgewood	2,789
Lake Buena Vista	11
Maitland	17,423
Oakland	2,823
Ocoee	43,504
Orlando	270,483
Windermere	3,250
Winter Garden	40,338
Winter Park	29,892
Unincorporated Orange County	761,219

Source: <https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?src=bkmk>

According to 2015 U.S. Census Bureau estimates, approximately 22.9% of Orange County's population is under the age of 18, 66.6% is between the ages of 18 and 64, and 10.5% is 65 years and over. The median age of Orange County residents is 34.4 years.



Table B-10 provides a breakdown of the percentages of the different age groups within the County.

Table B-10: Population by Age

Age Group	Number	Percentage
Total Population	1,229,039	100.0
Persons under 5 years	77,019	6.3
Persons 5-9 years	77,464	6.3
Persons 10-14 years	78,842	6.4
Persons 15-19 years	85,076	6.9
Persons 20-24 years	108,508	8.8
Persons 25-34 years	198,797	16.2
Persons 35-44 years	173,384	14.1
Persons 45-54 years	169,807	13.8
Persons 55-59 years	73,529	6.0
Persons 60-64 years	57,915	4.7
Persons 65-74 years	74,765	6.1
Persons 75-84 years	37,756	3.1
Persons 85 and older	16,177	1.3

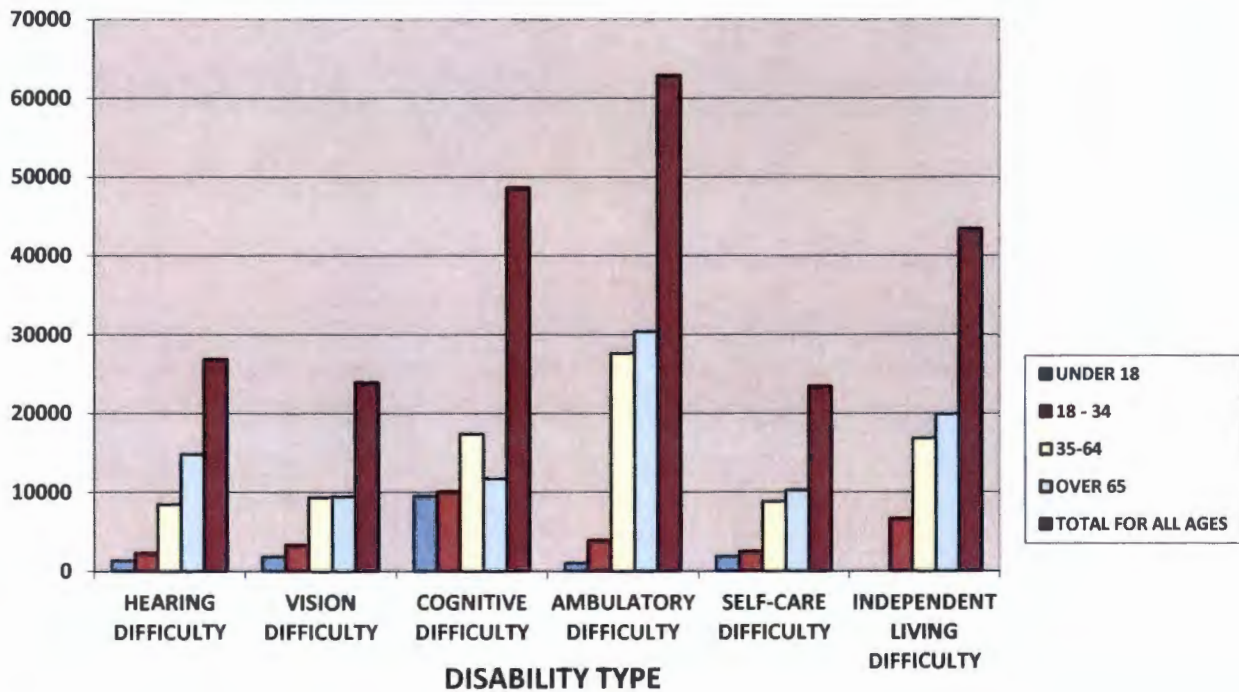
Source: <https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?src=bkmk>



1. **Special Medical Needs Populations**

In emergency planning, the County considers the needs of persons requiring special medical attention and/or those having no personal transportation through the Persons with Special Needs Program. As of 2017, there were 1688 persons on the special needs registry. According to 2015 U.S. Census Bureau American Community Survey estimates, Orange County had nearly 123,673 individuals with a disability, including: hearing difficulty, physical disabilities, mental disabilities, and/or medical disabilities. Figure B-7 shows the age groups of persons with special medical needs in Orange County.

ORANGE COUNTY RESIDENTS WITH SPECIAL NEEDS



Source: United States Census Bureau 2015 American Community Survey (2016)

2. **Disabled Populations**

According to the 2015 US Census Bureau American Community Survey (ACS), Orange County has an estimated 123,673 individuals with a disability. These include:

- Deaf and/or Hard of Hearing
- Physical Disabilities
- Medical Disabilities
- Blind and/or Visually Impaired
- Mental Disabilities

3. **Farm Worker Populations**



The Orange County Health Department licenses two permitted farm labor camps in Orange County. However, in recent years, this has been a declining program in Orange County primarily due to weather freezes resulting in reduced production and the decline of farming as an occupation in general. According to the 2012 USDA National Agricultural Statistics Census, Orange County had an estimated 83 farm workers

4. **Tourism and Seasonal Populations**

In 2015, Orange County hosted more than 66 million guests. 60 million were domestic including leisure and business travel. 5.8 million International visitors, the majority were from United Kingdom, Argentina, Brazil and Colombia. To accommodate these visitors, Orange County has over 454 hotels, totaling 117,000 rooms.

5. **Non-English Speaking Populations**

Orange County is made up of a diverse population that speaks languages other than English. According to the U.S. Census Bureau's American Community Survey in 2015, 754,386 persons (65.5%) spoke English only. A total of 397,634 (34.5%) persons spoke a language other than English as their first language. Of those, 145,897 (12.7%) spoke English less than "very well".

6. **Transient Population**

A homeless person is defined by the State of Florida as an individual:

- Sleeping in a place not meant for human habitation
- Sleeping in an homeless emergency shelter
- Living in transitional housing having come into that housing from the street or from a homeless emergency shelter

According to the Homeless Services Network of Central Florida (HSNCF) 2016 Point in Time Report (PIT), there are 1,613 homeless individuals in Central Florida. This is a decrease of 23.6 % compare to the year prior.

7. **Housing**

According to the U.S. Census Bureau's American Community Survey, there were a total of 501,513 housing units in Orange County in 2015. This includes apartments, houses, mobile homes, boats, recreational vehicles, and vans. A breakdown of these figures is shown in Table B-11.

Table B-11: Housing Units in Orange County

Types of Housing	Number	Percentage
Occupied housing units	434,319	86.6%
Owner-occupied housing units	238,900	55%



Renter-occupied housing units	195,419	45%
Vacant housing units	67,194	13.4%

Source: 2015 U.S. Census Bureau American Community Survey

8. **Manufactured Home Parks**

According to the U.S. Census Bureau ACS estimates, in 2015, approximately 4% (20,137) of all housing units in Orange County were mobile homes. There are over 100 manufactured home parks within Orange County.

9. **Inmate Population**

The Orange County Jail serves as the County's central correctional facility. This facility is the 5th largest jail system in the State of Florida with more than 1,700 employees including over 1,000 certified correctional employees. The average daily jail population in 2016 was 2,625.

Economic Profile

Industry employment affects the industries that provide goods or service demands. When considering the potential impact of being "shut down," for two weeks or more, it is important to note the change in employment, population, personal income, and gross domestic product (GDP).

Any emergency and/or disaster can cause an impact on the county's economy. Any major or catastrophic disaster could have an initial major disruption to the following sectors:

- Service
- Farming, fishing, and forestry
- Production, transportation, and material moving

A massive hurricane could leave Orange County in distress for more than one month, creating even more devastating impacts. Therefore, Orange County created a strategy for post-disaster redevelopment that begins with pre-disaster implementation.

There are many hazards that pose a potential impact to the citizens and visitors to Orange County. Table B-12 provides the following overview of each hazard based on a rating scale of High, Medium, and Low. These scores are determined by the following:

- High:
This score is assigned when there is a potential for the following: high number of injuries/deaths, significant interruption to the economy of the County and the



jurisdiction and/or the hazard can significantly damage the County and/or jurisdictions' environment and/or damages or losses in the amount of \$5 million or more.

- **Medium:**

This score is assigned when there is a potential for the following: a low number of injuries/deaths, a temporary interruption to the economy, a temporary impact to the environment, and/or damages or losses in the amount of \$100,000 or more.

- **Low:**

This score is assigned when there is a potential for the following: little or no number of injuries/deaths, there is no interruption to the economy, the hazard does not affect the environment, and/or damages or losses in the amount of \$10,000 or more.

Table B-12: Economic Impacts of Hazards in Orange County

Hazards	Impact Severity	Population at Risk
Civil Disturbances	Low	10%
Critical Infrastructure Failure	Low	25%
Diseases and Pandemic	Medium	65%
Extreme Temperatures	Med	100%
Floods	Med	60%
Hazardous Materials	Med	55%
Major Transportation Incidents	Med	65%
Mass Immigration	Low	< 2%
Radiological/Nuclear Accidents	Low	< 2%
Severe Thunderstorms	High	100%
Sinkholes/Land- Subsidence	Low	5%
Special Events	Med	10%
Terrorism/CBRNE	Med	60%
Tropical System	High	100%
Wildfires	High	75%

In 2015, 664,663 individuals within Orange County were in the labor forces that were aged 16 years or older. Of that, 60,374 (6.2%) individuals were unemployed.



Table B-13 shows Orange County's employment by occupation.

Table B-13: Employment by Occupations

Occupation	Average Employment
Management, business, science, and arts occupations	211,561
Service occupations	131,474
Sales and office occupations	165,418
Natural resources, construction, and maintenance occupations	41,585
Production, transportation, and material moving occupations	53,645
Armed Forces	606
County Total	604,289

Source: 2015 US Census Bureau American Community Survey

The U.S. Census Bureau's American Community Survey reports the median home property value in 2015 was \$163,800, and the average per capital income was \$39,591. Table B-14 shows the 2015 owner-occupied units in Orange County based on property value.

Table B-14: Owner-Occupied Housing Units

Property Value	Estimate	Percent
Less than \$50,000	18,944	7.9%
\$50,000 to \$99,999	42,476	17.8%
\$100,000 to \$149,999	43,455	18.2%
\$150,000 to \$199,999	42,920	18.0%
\$200,000 to \$299,999	47,405	19.8%
\$300,000 to \$499,999	28,869	12.1%
\$500,000 to \$999,999	10,894	4.6%
\$1,000,000 or more	3,937	1.6%

Source: 2015 US Census Bureau American Community Survey

Table B-15 shows the average income per household in Orange County based on 434,319 households.

**Table B-15: Average Income per Household**

Total Household	Estimate	Margin of Error
Less than \$10,000	32,249	+/- 1,471
\$10,000 to \$14,999	22,386	+/- 1,116
\$15,000 to \$24,999	52,846	+/- 1,847
\$25,000 to \$34,999	53,045	+/- 2,036
\$35,000 to \$49,999	64,607	+/- 2,035
\$50,000 to \$74,999	81,781	+/- 2,256
\$75,000 to \$99,999	46,053	+/- 1,578
\$100,000 to \$149,999	45,825	+/- 1,653
\$150,000 to \$199,999	17,292	+/- 1,093
\$200,000 or more	18,235	+/- 1,107
Median household income (dollars)	47,943	+/- 622
Mean household income (dollars)	68,045	+/- 884

Source: 2015 US Census Bureau American Community Survey

Critical Infrastructure and Emergency Management Support Facilities

These systems and facilities are critical prior to and following an incident to aid in the initial response and recovery of the County. Several categories have been identified in Orange County to include:

- Electric distribution system components
- Communications network components
- Public buildings
- Water distribution/drainage facilities
- Landfill and debris sites
- Hazardous materials storage facilities
- Donations warehouses
- Pharmaceutical Points of Dispensing
- Disaster Consumables Points of Distribution
- Health/medical facilities
- Transportation networks
- Emergency services facilities
- Historic structures
- Public/private supply centers
- Volunteer Reception Center
- County Staging Areas
- Incident Command Posts
- Shelters

This information is maintained through the County's GIS System. The Orange County Office of Emergency Management coordinates the identification and support to these facilities prior to and following an emergency and/or disaster. Figure B-8: shows critical facilities in Orange County.

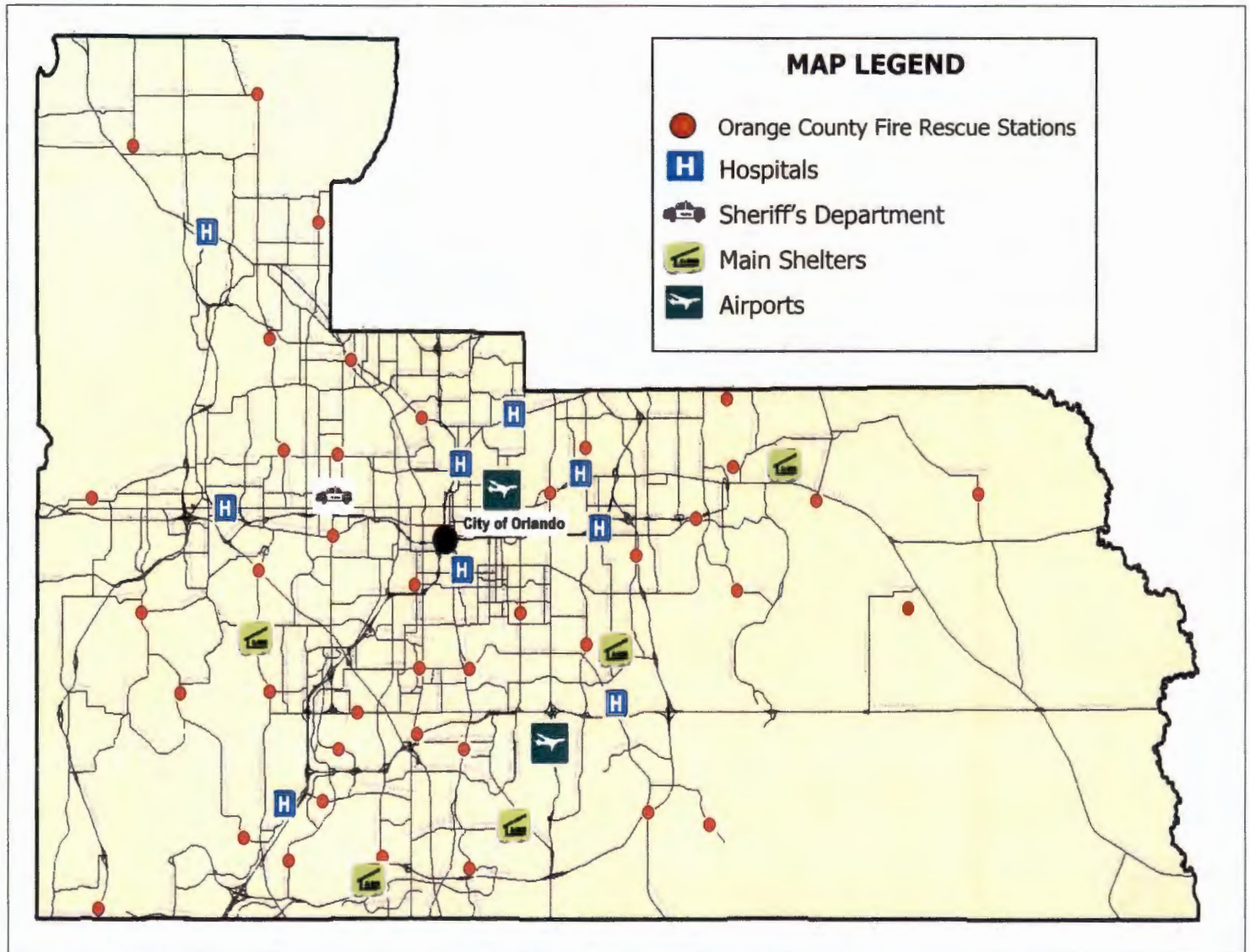
**Figure B-8: Critical Facilities in Orange County**

Table B-16 lists the Points of Distribution (POD) sites for Disaster Consumables that have helicopter landing areas. These sites have many roles in the logistical process of delivering consumables. The POD sites serve as a mechanism for distributing consumables to the citizens of Orange County. The landing area serves as a delivery point to get supplies to the POD sites. It also serves as a landing zone for the Rapid Impact Assessment Teams when initiated by ESF #

Table B-16: POD Sites with Helicopter Landing Zones

Site Name	Address	Zip Code	GPS Coordinates	GPS Coordinates
-----------	---------	----------	-----------------	-----------------



3-Points Elementary Schools	4001 S. Goldenrod Rd	32822		
Andover Elementary School	3100 Sanctuary Point Blvd Orlando,	32825	N 28.50900°	W 81.22052 °
Barnett Park	4801 W Colonial Dr. Orlando	32808	N 28.56214°	W 81.44313 °
Bithlo Community Center	18501 Washington Ave Bithlo	32820	N 28.55868°	W 81.10436 °
Discovery Middle School	601 Woodbury Rd Orlando	32828	N 28.54145°	W 81.19373 °
Downey Park	10107 Flowers Avenue Orlando	32825	N 28.56496°	W 81.24224°
East Orange Community Center	12050 E. Colonial Dr. Orlando	32826	N 28.56664°	W 81.20261°
Fort Christmas Park	1300 N. Fort Christmas Rd Christmas	32709	N 28.56102°	W 81.02161°
Garden Ridge	11100 E. Colonial Drive Orlando	32817	N 28.56758°	W 81.22151 °
Lake George Elementary School	4101 Gatlin Ave Orlando	32812	N 28.49615°	W 81.31589°
Mid Florida Tech -built	2900 W. Oakridge Rd	32809	N 28.47049°	W 81.41622°
Orange County Corrections Department	2400 33rd St Orlando	32839	N 28.50507°	W 81.41528°
Orlando Vista Park	1 N. Powers Dr.	32835	N 28.54195°	W 81.46687°
Rose Place Park	8200 Old Winter Garden Rd	32835	N 28.54025°	W 81.49696°
Taft Community Center	9450 S Orange Ave Orlando	32824	N 28.43021°	W 81.36976°
Waterford Town Center	331 N. Alafaya Trail	32828	N 28.55222°	W 81.20083°
West Oaks Mall	9401 W Colonial Dr., Ocoee	34761	N 28.55741°	W 81.51493°
Willow Street Community Center	6565 Willow St, Zellwood	32798	N 28.73771°	W 81.62033°



Concept of Operations

Florida Statute 252.38 requires County governments to organize and plan for the protection of life and property from the effects of an emergency or disaster. The organization and operations required by this plan follows the tenets of the National Incident Management System (NIMS) and uses the Incident Command System (ICS) for operational, resource, and support management in the various phases of emergency management.

Orange County provides many emergency services to the citizens on a daily basis. Some of the services overlap into city government jurisdictions. While the cities within the County provide many services to their citizens, they also depend on Orange County for services such as social services, health, sheltering of evacuees, and emergency management. The Office of Emergency Management provides normal day to day coordination, direction, and control of all phases of emergency management.

County Administration Organization

The County administration manages the day to day operations of Orange County. The organization is described and defined as noted in the County Municipal Code.

1. **County Mayor**

The County Mayor serves as chair of the Board of County Commissioners and manages the operation of all elements of county government under the jurisdiction of the Board.

2. **Board of County Commissioners**

This is the legislative branch of Orange County and is composed of the County Mayor and the six County Commissioners. The Board is responsible for adopting or enacting, in accordance with the procedures provided by general law, ordinances and resolutions it deems necessary and proper for the good governance of the county.

3. **County Administrator**

The County Administrator's office provides management support to the Mayor, Board of County Commissioners, and other agencies of Orange County Government. The management support functions include: direction and coordination of the nine functional departments of Orange County; implementation of the policies of the Mayor and Board of County Commissioners; and exercising leadership to encourage the employees of Orange County to achieve the highest standards of efficiency, effectiveness, ethics, and community involvement.



4. **Order of Succession**

If the Director of Emergency Management (County Mayor) is unavailable to serve, pursuant to Article IX, Section 2-307 of the Orange County Code Ordinance No. 2012-12 enacted June 5, 2012, the county officials in the following order of succession would serve as the Acting Director of Emergency Management:

- County Administrator
- Director of Public Safety
- Deputy County Administrator (in order of date of appointment)
- Director, County Fire Rescue Department
- Director, Public Works Department
- Director, Utilities Department

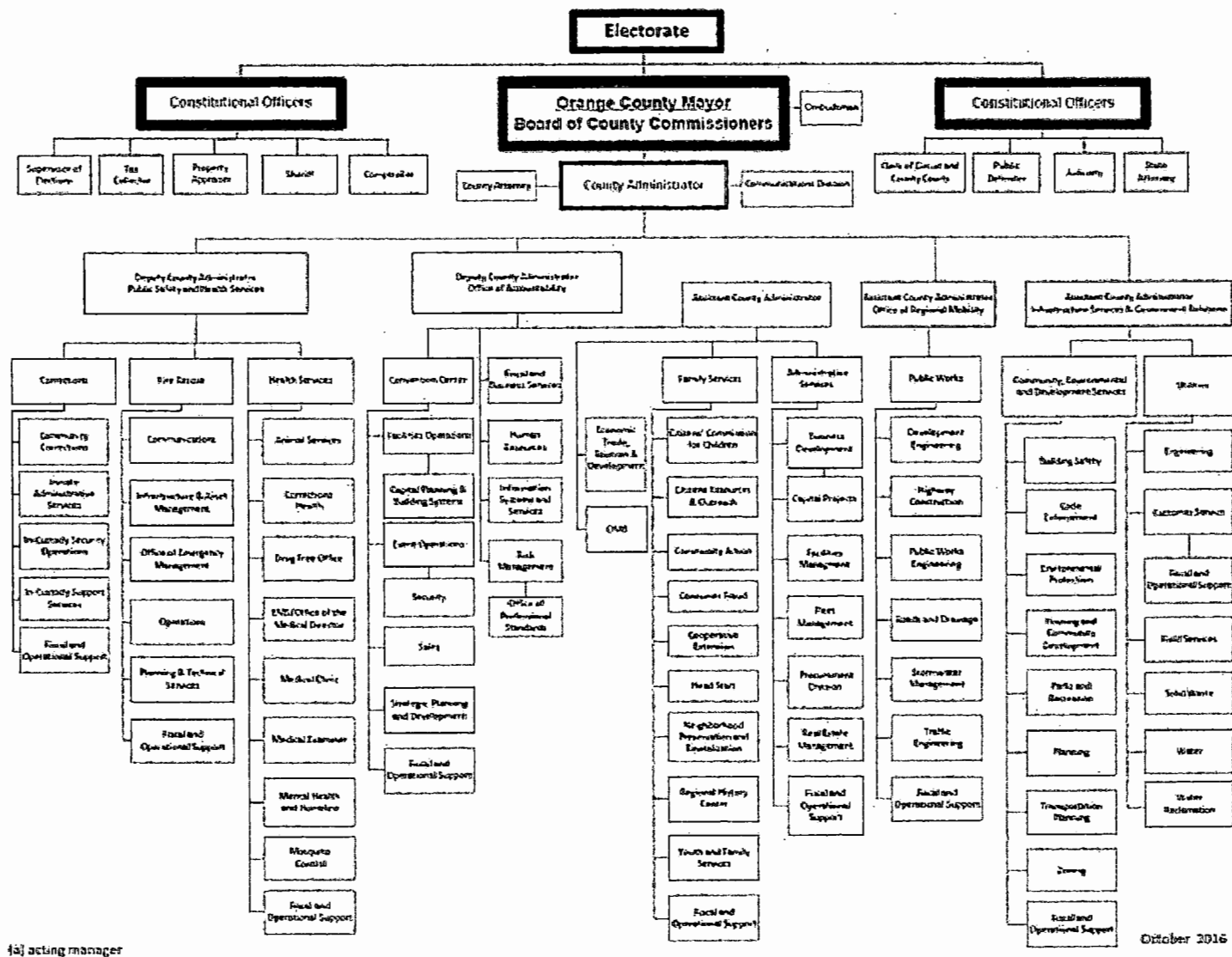
Any person serving as Director of Emergency Management may designate, by names and in writing, a county officer or employee to act as temporary acting Director of Emergency Management in lieu of the designating authority. Such designation shall be valid for a period of not more than eight (8) hours from the time of such written designation.

The Acting Director of Emergency Management would be able to execute all of the powers reserved for the Director of Emergency Management.

Figure B-9 shows the official organizational structure of Orange County government.



Figure B-9: Organizational Structure of Orange County Government



(a) acting manager

October 2016



Emergency Management Organization

1. **Response**

When disaster occurs, Orange County, its partners, and municipal agencies respond either with direct assistance to the disaster area or as support agencies to on-scene responders. The response agencies act within their scope of training and call upon outside resources as needed to mitigate further impact and damages. The Orange County Emergency Operations Center coordinates additional resources when called upon to do so.

2. **Recovery**

After the immediate short-term emergency needs of an area are controlled, the community partners begin a recovery process that may take several days to many months or years. Emergency Management and response agencies determine the community impacts as well as the needs to return the community to pre-disaster conditions. Many times this effort exceeds the capabilities and resources of the jurisdiction and assistance is required from state and federal government.

3. **Mitigation**

Through planning, floodplain management and building inspection programs, Orange County uses codes, ordinances and standards to minimize impact on residential and commercial areas. This effort helps prevent sub-standard building construction and other nuisance processes, which can exacerbate disaster impact. Public education about potential disaster effects also prevents injury and death from disasters. Public participation in preparedness exercises also prevents injury and death from disasters. For more information about our mitigation programs, please refer to the Orange County 2016 Local Mitigation Strategy plan.

3. **Structure**

a) **Director of Emergency Management**

During a disaster and/or emergency the County Mayor serves as the Director of Emergency Management. The Director of Emergency Management is vested with certain authority with regard to emergency management pursuant to Florida Statute, Chapter 252. His/her powers and responsibilities apply to all of the hazards that may impact Orange County.

The Director of Emergency Management has the following authorities, pursuant to Florida Statute, Chapter 252 and further expanded in County Ordinances 94-11 and 2000-17 prior to and following an incident:

- Declare a Local State of Emergency
- Ordering mandatory and voluntary evacuations
- Ordering the establishment of curfews
- Entering into contracts and incurring obligations
- Employment of permanent and temporary workers



- Overseeing the utilization of volunteer workers
- Authorizing the renting of equipment
- Acquisition and distribution of resources, with or without compensation, including supplies, materials, and facilities

b) Executive Policy Group

This group acts primarily as an advisory group to the Director of Emergency Management in carrying out his/her powers and authority. This group is composed of the following individuals:

- County Administrator
- Deputy County Administrators
- Assistant County Administrators
- County Department Directors
- Manager of Emergency Management
- County Attorney
- Communications Division Director
- Comptroller
- Orange County Sheriff
- Orange County Public Schools Superintendent
- Orange County Health Department Director (Representation from this individual is dependent on the declaration of a Public Health Advisory, Emergency, or Quarantine Order being imposed in Orange County by the State Health Officer)
- Other individuals as deemed necessary

c) Office of Emergency Management (OEM)

Emergency management is the managerial function charged with creating the framework within which communities reduce vulnerability to hazards and cope with disasters. OEM also manages the day to day operations of the emergency operations center.

d) Orange County Emergency Operations Center

The EOC serves as the central coordination point and information clearinghouse for the County's response to and recovery from an emergency and/or disaster.



1. **Notification**

The Office of Emergency Management is responsible for making the initial notification to the OCERT members prior to or following an emergency and/or disaster.

2. **Activation**

Once notified, the OCERT members should begin making efforts to activate their personnel and/or equipment to respond to and recover from an emergency and/or disaster.

3. **Deactivation**

Following an emergency and/or disaster, the Director of Emergency Management may begin demobilizing resources and personnel.

4. **EOC Activation Levels**

1. **Level 3-Monitoring:**

This involves OEM monitoring daily events and notifying members of the OCERT if an emergency and/or disaster require their support or resources.

2. **Level 2- Partial Activation:**

This is a partial activation where only the incident-specific members of the OCERT will staff the EOC. The OEM Manager can activate the EOC to Level 2 in consultation with the Executive Policy Group.

3. **Level 1-Full Activation:**

This is full-scale activation. The EOC is fully staffed by the OCERT members. The Director of Emergency Management is responsible for activating the EOC to Level 1.



Orange County EOC

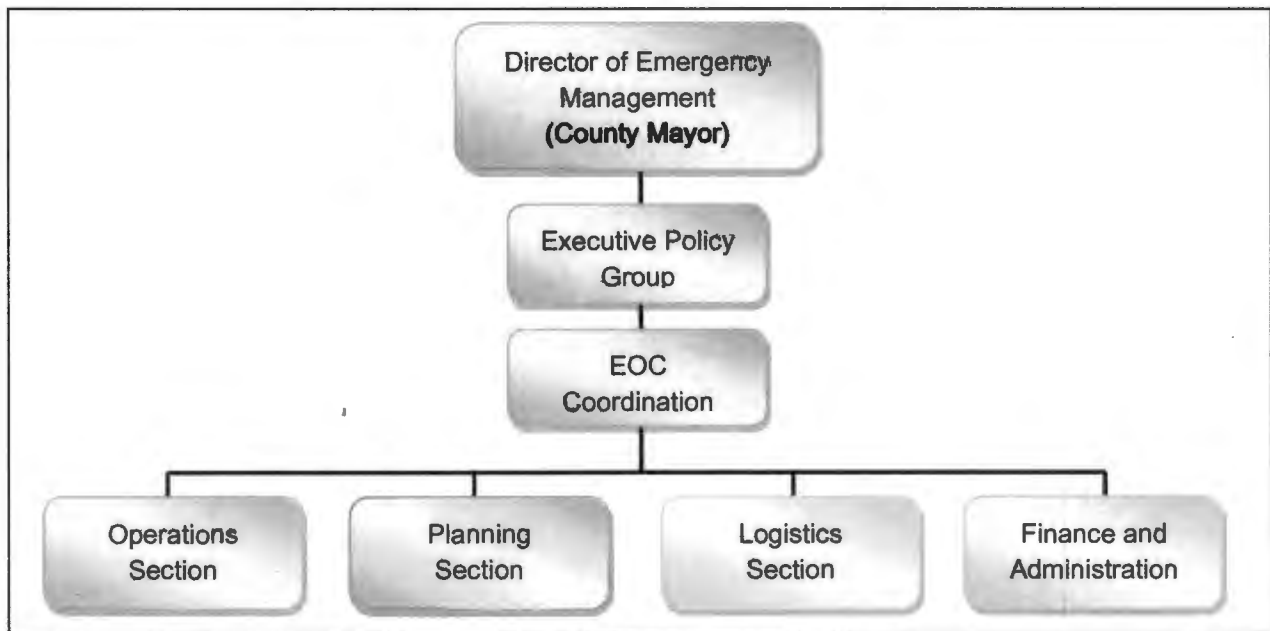


e) Orange County Emergency Response Team (OCERT)

This team is composed of County departments, divisions, municipalities, and for-profit and non-profit organizations. Their mission is to safeguard the citizens and visitors by ensuring the rapid response and recovery of the County to a variety of hazards. This team is organized according to the National Incident Management System and serves as the Preparedness Organization for Orange County.

OEM is responsible for coordinating the activities of the OCERT prior to and following an emergency and/or disaster. OCERT is composed of the following groups also shown in Figure B-10:

Figure B-10: OCERT Organizational Structure



4. Operations Section

This section is responsible for performing emergency response, law enforcement and health/medical operations during an emergency and/or disaster.

- **Planning Section**

This section is responsible for gathering, processing and publishing of information that flows into and outside of the EOC.

- **Logistics Section**

This section is responsible for the logistical resources needed to support the management of an emergency and/or disaster.

- **Finance and Administration Section**

This section is responsible for the financial record keeping that is essential prior to and following an emergency and/or disaster.



f) **EOC Coordination**

This element is responsible for coordinating the actions of the EOC Sections as directed by the Manager of Emergency Management. The element is composed of:

1. **EOC Supervisor**

Under the direction of the Manager of Emergency Management, this individual is the designated coordinator of the EOC.

2. **EOC Operations Desk**

The EOC Operations Desk serves as OEMs representative in the EOC. Its primary responsibility is to oversee EOC operations and acts as liaison with the State EOC and Federal Officials.

3. **Call Center**

Orange County operates one call center prior to and immediately following an emergency and/or disaster. Their responsibility is to receive, route and if possible resolve non-emergency calls from citizens and visitors.

- **Orange County Government Services Center (311 Center)**

The 311 Call Center provides a telephone and web-based service which provides timely information and referrals for Orange County citizens and visitors. During EOC activations, the 311 center functions as Orange County's Citizen's Information Line.

4. **EOC Message Center**

During EOC activations, the mission of the EOC Message Center is to operate as the EOC's 24-Hour Answering Point. Responsibilities include processing calls and forwarding them to the appropriate OCERT members.

5. **EOC Support Team**

This team is responsible for the technical needs and maintenance of the EOC. This group operates under the direction of the OEM Communications/Warnings Coordinator and consists of the following agencies and vendors:

- Crisis Management Software Vendors
- Audio-Visual Vendors
- Telephone Service Companies
- Satellite Phone Providers
- Orange County Radio Services
- Orange County Information Systems Services
- ESF #14-Public Information (Social Media and Media Coordination)

6. **Emergency Support Functions (ESFs)**



Orange County has 20 Emergency Support Functions (ESFs). An ESF represents specific response activities that are common to all disasters. Each ESF has a primary agency or agencies and several support agencies. The Primary agency or agencies are responsible for coordinating the missions of the ESF and activities of the support agencies through all five phases of emergency management. The Support Agencies are responsible for supporting the activities and missions of the ESF with their own resources and maintaining regular communication with the primary agency.

i. Mission Essential Functions

Orange County has identified the following Program functions as mission essential functions, whose process and functions must be maintained at all times

ICS Position/Function	ESF	Primary Agency
Animal Care	17	Orange County Animal Services
Communications	2	Orange County ISS
Firefighting	4	Orange County Fire Rescue
Health & Medical Services	8	Orange County Health Service Department
Information and Planning	5	Orange County Office of Emergency Management
Law Enforcement	16	Orange County Sheriff's Office
Mass Care	6	Orange County Office of Emergency Management
Public Information	14	Orange County Communications
Public Works	3	Orange County Public Works
Resource Support	7	Orange County Procurement
Search and Rescue	9	Orange County Fire Rescue
Volunteers and Donations Management	15	Orange County Human Resources Division

7. Emergency Coordinating Officers (ECOs)

These are agencies, organizations, and municipalities that are not part of an ESF and that require coordination prior to, during, and following an emergency and/or disaster.

a) Liaison Section

In the Orange County EOC, the ECOs are organized as the Liaison Section. This section is composed of the following types of organizations and entities:



- Municipalities
- Federal, State Governmental Agencies
- Theme parks
- Non-Profit and For-Profit Organizations
- Military Support
- Universities and Colleges
- Orange TV

Figure B-11 shows the whole organizational structure of the ESF's/ECO's within OCERT

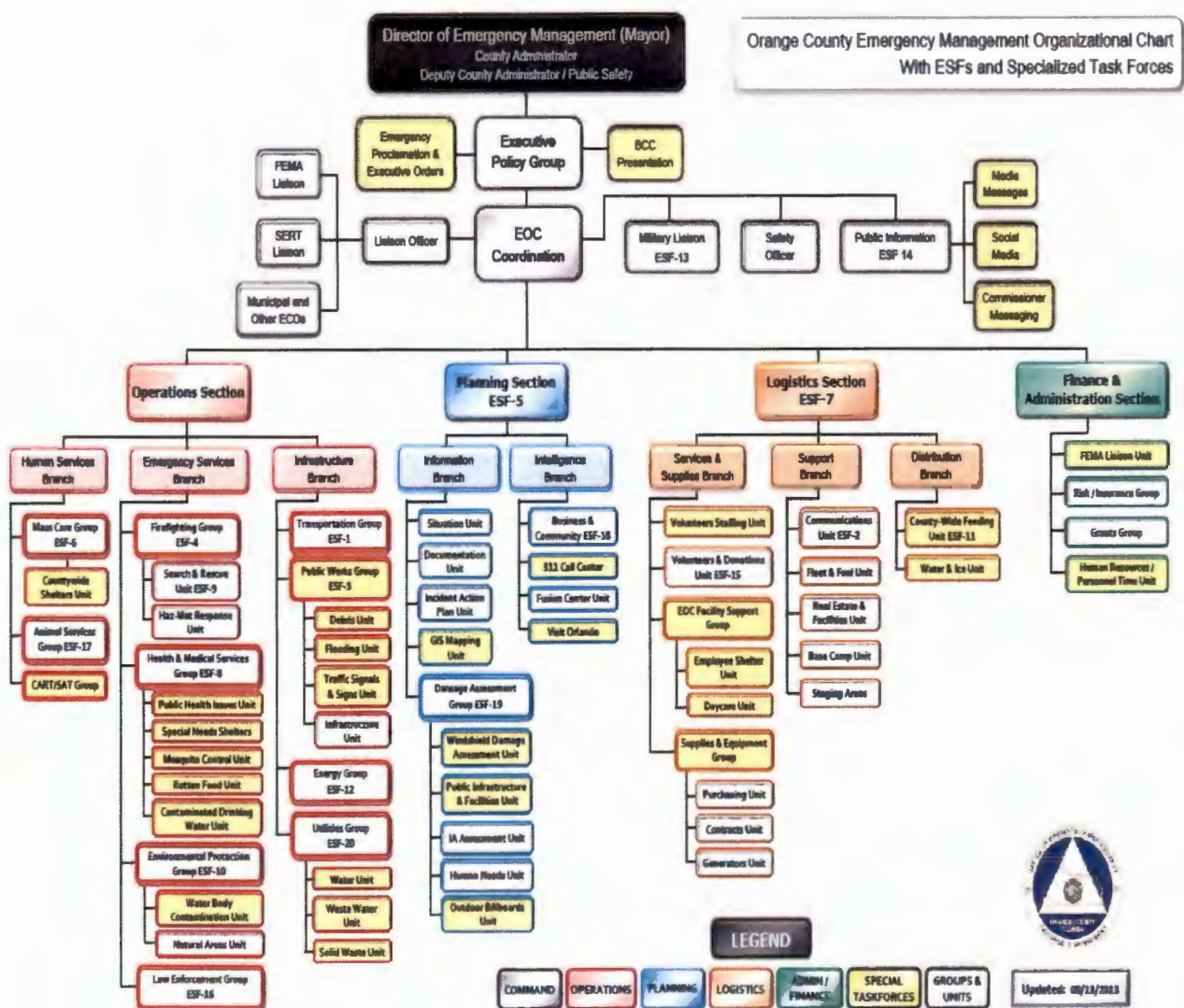


Figure B-11: Organizational Structure of the ESF's

**Table B-17: ESF's Structure**

ICS POSITION / FUNCTION	ESF	FUNCTION	PRIMARY AGENCY
COMMAND			
Public Information	14	Coordinates the collection, processing, display, and dissemination of public information.	Orange County Communications
OPERATIONS			
Public Works	3	Life-saving support or disaster relief through engineering services, technical evaluation, inspection, infrastructure evaluation, debris clearance, and disposal.	Orange County Public Works
Firefighting	4	Provides resources needed for the detection and suppression of urban, rural, and wildland fires.	Orange County Fire Rescue Department
Mass Care	6	Coordinates activities with the emergency provision of temporary shelters, emergency mass feeding, and bulk distribution of coordinated relief supplies.	Orange County Office of Emergency Management
Health & Medical Services	8	Provides health, medical and behavioral support services to the community and responders during and after the disaster.	Orange County Health Services Department
Search and Rescue	9	Coordinates the responsibilities associated with locating, rescuing, extricating, and treating victims and hazardous materials response	Orange County Fire Rescue Department
Environmental Protection	10	Provides an overview of the responsibilities associated with hazardous materials, waste or environmental impacts	Orange County Environmental Protection Division
Food and Water	11	Identifies food, water, and ice needs in the aftermath of a disaster.	Salvation Army
Energy	12	Outlines the policies for transportation fuel shortages and electrical power outages.	Duke, OUC, TECO Gas
Military	13	Coordinates Military Support (State & Federal).	Orange County Office of Emergency Management
Law Enforcement	16	Outlines the policies for the protection of life and property and the maintenance of law and order.	Orange County Sheriff's Office
Animal Care	17	Identifies, manages, and organizes the response needed for the veterinary needs and protection of pets, farm animals, and wild animals.	Orange County Animal Services
Public Utilities	20	Provides public utilities assistance with life-saving protection measures.	Orange County Utilities
PLANNING			
Information and Planning	5	Coordinates the collection, processing, display, and dissemination of information	Orange County Office of Emergency Management
Community and Business	18	Develops operational concepts to maximize the utilization of locally owned and operating businesses.	Orange County Consumer Fraud
Damage Assessment	19	Responsible for the collection, analysis, and distribution of damage assessment information for public and private buildings, businesses, homes, and municipal jurisdictions.	Orange County Property Appraisers Office
LOGISTICS			
Resource Support	7	Provides guidance for logistical support of all response and recovery organizations.	Orange County Purchasing/Contracts
Transportation	1	Mobilization and coordination of all transportation services.	Central Florida Regional Transportation Authority (LYNX)
Communications	2	Coordinates the provision of communication resources.	Information System and Services Division (ISS)
Volunteer & Donation Management	15	Manages unsolicited, donated goods and recruits, trains, and manages unaffiliated volunteers.	Orange County Human Resources
FINANCE & ADMINISTRATION			
Office of Management & Budget	N/A	Reviews contracts for county business.	Office of Management & Budget
Orange County Comptroller Office	N/A	Track finances and maintain bills for the county.	Orange County Comptroller's Office



Preparedness Activities

In accordance with the National Incident Management System, the Orange County Office of Emergency Management provides various preparedness activities for personnel expected to operate during a disaster or emergency.

1. General Issues

The OEM Planner is task with developing the CEMP in accordance to the Evaluation, maintenance and revision process described in the methodology section and the process below.

a) Basic Plan Review

The Basic Plan within the CEMP is reviewed Biennial and updated as needed by OEM. It is submitted for review and approval to the Florida Division of Emergency Management every four years.

- Initial Planning Meeting

This meeting is held internally within the Office of Emergency Management. At this meeting, the OEM staff conducts a technical review of the plan, annex, or appendices currently under review. Their comments are collected and included by the OEM Planner.

- Consultation Meeting

This meeting is held with the OCERT quarterly meeting. At this meeting, OEM presents the proposed changes of this plan to the OCERT members and asks for their feedback and comments on the plan. The comments received are then incorporated into the plan.

- Final Approval Meeting

The OEM staff conducts a review of the proposed changes and seeks approval from the OEM Manager.



- **Board of County Commissioners' Approval**

Every four years once the State of Florida has approved the CEMP Basic Plan, OEM presents the revised plan to the Board of County Commissioners for their approval through the signing of a county resolution.

- **Publication of the CEMP**

Following the approval of the Orange County Fire Chief and Public Safety Director, the plan is made public by a number of methods to include:

- Distributed via e-mail to all OCERT members and posted on the county's website
- Forwarded via SharePoint to the Florida Division of Emergency Management

b) **Persons with Special Needs Program**

The Persons with Special Needs Program (PSN) is coordinated by the Orange County Health Services Department and supported by the Family Services Department and through partnerships with the Orange County Health Department (Florida Department of Health) and other community partners.

The PSN program is multi-faceted and includes a registration process, a public education program, transportation coordination, and temporary sheltering services.

Clients are notified in the following manner:

- Advertisement through local media
- Information distributed through Home Health Care agencies and the Department of Health
- Orange County Council on aging client contact lists
- Directly through Orange County Office of Emergency Management

Florida Statute requires utility companies to notify customers twice annually on the availability of the Persons/People with Special Needs Program. Notification is to occur in January and again in May. New customers shall receive notification on instituting a new account.

c) **PSN Registration**



The PSN Registry is actively managed with information being provided from Home Health Agencies, visiting nurses agencies and durable medical equipment companies. Registry information is provided through public events. Client information is accumulated year round and stored in a database.

The registry data is provided to emergency response agencies for awareness and for follow up after a disaster.

d) **Public Awareness and Education**

The Office of Emergency Management releases Public Service Announcements throughout the year. These announcements contain information about coming preparedness events as well as specific safety topics such as hazardous weather, wildfire conditions, hurricane preparedness topics and mitigation issues.

Shelter information is released with specific language directing the public to confirm openings prior to an event.

Media Relations and Public Information

ESF-14 – Orange County Communications Division is the lead agency for communicating with Media and distributing emergency information to the general public. Many methods are employed to disseminate emergency information and instructions to the public:

- OCAAlert.Net
- Smartphone Apps
- Social Media
- Media Coordination
- Orange County Government Website
- OCFL Alert
- Orange TV





Public Warning and Notification

1. Public Warning Systems

To alert citizens and visitors about severe weather and other hazards, Orange County utilizes a multi-layered system that includes:

- NOAA Weather Radio
- OCAAlert.Net
- OCFL Alert Smartphone Apps
- Media Coordination
- Orange County Government Website
- Partners such as 2-1-1
- Door-to-door Notification by First Responders
- Code Red (Reverse Dialing)
- Emergency Alert System
- Orange County 3-1-1
- Orange TV
- Facebook
- Twitter

Emergency Actions to be taken, shelter locations and status, and evacuation zones and routes are some of the items included in Public Information messaging.



2. Responsible Agencies

The Office of Emergency Management has the overall responsibility for coordinating the County's warning and notification systems. There are two designated communication hubs where warning and notifications are executed on behalf of Orange County:

- a) The Orange County Fire Rescue Communications Center, which serves as the county's 24-hour County Warning Point (CWP).
- b) The Orange County EOC which, during activation, is responsible for coordinating warning messages. This is accomplished primarily through the following OCERT members:
 - ESF-2 - Communications
 - ESF-5 - Information and Planning
 - ESF-14 - Public Information
 - ESF-18 - Community and Business



3. **Joint Information Center**

A Joint Information Center (JIC) is a physical location where public affairs professionals from organizations involved in incident management activities can collocate to perform critical emergency information, crisis communications, and public affairs functions collectively. ESF #14 should activate a JIC if multiple disciplines and/or jurisdictions are involved.

Exercise Program

The Office of Emergency Management maintains a comprehensive all hazards training and exercise program. The program is designed around training, exercise, evaluation and corrective action process by exercising personnel, plans, procedures equipment and facilities. OEM participates in exercises with various program stakeholders, such as OCERT, the State of Florida, Orange County Public Schools, Orange County municipalities, universities, theme parks, hospitals and Community Emergency Response Teams (CERTs),

1. **Program Coordination**

The OEM Training and Exercise Coordinator will coordinate and manage the training and exercise program in accordance with Homeland Security Exercise and Evaluation Program (HSEEP) guidelines. HSEEP is a capabilities and performance-based exercise program that provides a standardized methodology and terminology for exercise design, development, conduct, evaluation, and improvement planning for all exercises. HSEEP was designed to meet all Federal standards that are established in Homeland Security Presidential Decision Directive 8.

- Exercise Coordinator
 - Responsible for coordinating training and exercise program activities with the emergency management program stakeholders (See Table B-17)
 - Serves as the designated point of contact to coordinate and implement the National Incident Management system (NISM)

2. **Exercise Schedule**

OEM selects various areas of preparedness to be exercised each year. This schedule includes exercising the functions and procedures to be used during EOC activations as well as participating in other local, state, and federal exercise scenarios. OEM will ensure that each ESF participates in the annual State Hurricane Exercise held prior to the beginning of Hurricane Season. Information on exercise schedule can be found on the Multiyear Training Exercise Plan (MYTEP)



OCERT also participates in other scheduled exercises within our jurisdiction/region which include: Federal, State, Municipal, Local Emergency Planning Committee (LEPC), Regional Domestic Security Tasks Force (RDSTF), Urban Area Security Initiative (UASI), and various scenarios exercises, such as with hospitals and airports.

3. **Exercise Format**

The exercise program must meet all standards that address an "All-Hazards" approach which utilizes both the NIMS and HSEEP guidance. Exercises typically focus on the operating procedures of each Emergency Support Function and component, and include hands-on operational use of the EOC's crisis information management system - E Team. To maintain a certain level of proficiency in emergency response, the exercise program will utilize the following types of exercises:

- Tabletop Exercise
- Drill
- Functional Exercise
- Full-Scale Exercise

The agencies and/or organizations conducting these exercises must abide by the HSEEP in setting up, executing, and conducting the exercises. Exercise Design Team members may be used as the controllers and evaluators during the exercise.

4. **Corrective Action Process**

a) Purpose

Prior to an actual event or disaster, agencies should review their lessons-learned and implement recommended corrective actions as indicated in the previous Improvement Plan (IP). The overall process of identifying, implementing, and tracking corrective actions is crucial to the improvement of the emergency preparedness program's readiness.

b) Documentation Process and Methods

During the exercise evaluation and improvement process, Exercise Staff, Controllers, and Evaluators will coordinate the collection and consolidation of information from various activity reports and compile After Action Reports and Improvement Plan recommendations for each exercise. The Exercise Design Team should follow the HSEEP published guidance to develop the final improvement plan.

Prior to an exercise, each participant should review their Emergency Operations Procedures, including the use of all documentation processes, such as:



- Incident Action Plans
- Situation Reports
- E Team Procedures
- Exit interviews or critique forms
- Messages
- Job Aids
- Media Reports
- Hot-washes

Training

The EM training program is administered and coordinated through the Office of Emergency Management (OEM). The program emphasizes need assessment, curriculum, course evaluations and training records. OEM works closely with Human Resources (HR) who assists with specific instructional training and maintains personnel training credentials. The county publishes a quarterly training calendar for county employees called "Passport" that lists all Emergency Management responder trainings and provides basic course information, dates, times, and locations. For other non-County employees, OEM utilizes State Emergency Response Team Training Resources and Activity Center (SERT TRAC) to distribute training course information.

Orange County Government requires all employees assisting in emergency response to complete prerequisite courses identified in the "Passport" and other specified trainings required for position based assignments within the OCERT organizational structure. In addition to meeting National Incident Management System (NIMS) and Incident Command System (ICS) compliance standards, OEM continues to update EM courses identified by Federal, State and local requirements or issues identified in After Action Reports and Improvement Plans.

OEM is responsible for identifying personnel training requirements as part of the emergency phases of preparedness, response, recovery, and mitigation. OEM provides additional guidance through disaster preparedness emergency drills and exercises to test plans, procedures, and efficiency. OEM conducts an annual local training needs assessment and consolidates the data to provide input for regional training and exercise planning considerations.

1. Orange County participates in the State of Florida and Federal EM training programs. Florida Division of Emergency Management (FDEM) maintains a Multi-Year Training and Exercise Plan (MYTEP) for all-hazards training needs in which the county provides annual training input.

2. **Emergency Responder Team Training**

This program provides position specific training to employees working in the emergency response role and is geared towards preparing personnel to serve in the following positions:

- Points of Distribution Staff
- Shelter Managers
- Call Centers Operators



- Call Forwarders

3. **EOC/FOC Training Program**

This program is geared towards training the EOC staff on procedures and policies that are used during activations, including:

- Emergency Operation Center and Field Operation Center Workers
- E Team Crisis Management System

4. **Emergency Management Responder Training Courses**

Emergency Management training courses were identified from the list of courses made available by FEMA, the FDEM, and local courses created for this program. These courses encompass a variety of subjects, including mitigation, response, and recovery. OCERT members are required to meet minimum training requirements as set forth by the County's emergency pay policy for emergency responders or as required by the agency for an individual's job function. The Emergency Training Course Matrix is enclosed in the appendix B.

a) **State Training Program**

The State's emergency management training bureau provides both State and federally designated mobile trainings throughout the regions and specific types of training are requested through the State. Courses are offered for regional emergency responders and the County OEM coordinates with the State to host regional training courses.

The FDEM maintains an online training calendar called SERT TRAC; this website is the State's EM training database where individuals upload EM education course credentials and register for upcoming courses. The State recommends any counties hosting local training and exercise events to submit their activities for inclusion in the list on the SERT TRAC website.

b) **Federal Training Program**

The National Emergency Training Center (NETC) at Emmetsburg, MD serves as the national academy for the development and delivery of emergency management training nationwide. NETC offers both a full residential on-campus program and mobile training courses for local delivery training to emergency personnel.

NETC is the home to Emergency Management Institute (EMI) which is responsible for the independent study program for individual training on a vast variety of subjects. The most commonly assigned programs include:

- Professional Development Series (PDS)
- Advanced Professional Development Series (APDS)
- National Incident Management System / Incident Command System (NIMS/ICS)



Mutual Aid Agreements and Memorandums

Orange County maintains inter-local agreements with the municipal agencies within the County as well as mutual aid agreements with surrounding counties. Day-to-day mutual aid requests and delivery are coordinated through Orange County Fire Rescue Dispatch and the Emergency Operations Center (EOC)

Orange County and all of its 13 municipalities are signatories of the statewide mutual aid agreement, Emergency Management Assistance Compact as coordinated through the state EOC. Requests and delivery are coordinated through the State Warning Point. During a statewide or regional emergency, all requests are coordinated first in the County EOC and then in the SEOC through mission tasking.

- Statewide Mutual Aid Agreement (SMAA)

The SMAA supersedes other inter-local agreements during major or catastrophic disasters. The SMAA may also be applicable between participating parties in absence of an inter-local agreement during minor disasters. Requests for assistance under the SMAA should be made through the County EOC to the State EOC for mission assignment.

The EOC serves as the central coordination point for all resource requests in the County when activated. Mutual aid will only be requested if Fire Command and or the Emergency Manager deem that local resources are inadequate to handle a situation.

The authorized representative shall transmit all normal mutual aid requests through Orange County Fire Dispatch. If the EOC is activated, the request shall also go through the Logistics Section, in coordination with the Planning Section/Resources Unit in the EOC. The request is then delivered to the responsible OCERT members, which are monitored by the EOC Operations Desk. If for any reason the County cannot fulfill these requests, or services are over whelmed, the County will coordinate with the State ECO.

The following steps will be followed in making requests for resources from other government organizations that have entered into the aforementioned agreement:

- a) The County Mayor declares a local state of emergency because a disaster has occurred. A copy of the declaration is then sent to the Florida Division of Emergency Management (FDEM) in Tallahassee.

The authorized representative will make direct contact with the State Watch Office and provide the information listed below. The Planning Section/Resources Unit will follow-up with written confirmation to the EOC Operations Desk and pass along to the State using the Florida Department of Emergency Management (FDEM) EM Constellation® System:

- A description of the damage sustained or threatened



- An identification of the specific Emergency Support Function or Functions for which such assistance is needed
 - A description of the specific type of assistance needed within each Emergency Support Function
 - A description of the types of personnel, equipment, services, and supplies needed for each specific type of assistance, with an estimate of the time each will be needed
 - A description of any public infrastructure for which assistance will be needed
 - A description of any sites or structures outside the territorial jurisdiction of the Requesting Party needed as centers to stage incoming personnel, equipment, supplies, services or other resources
 - The place, date, and time for personnel of the Requesting Party to meet and receive the personnel and equipment of the Assisting Party
 - A technical description of any communications or telecommunications equipment needed to ensure timely communications between the Requesting Party and any Assisting Parties.
- b) When a request is received from FDEM or a Requesting Party to provide assistance, the Office of Emergency Management Manager or the on-call designee will immediately contact the appropriate agency head to determine if resources are available.

The following steps will be adhered to in processing the request:

- Convey to the agency head the information received from FDEM or Requesting Party. This information will be provided via voice then entered into the County's E Team[®] system and the State's tracking system. Advise the appropriate agency head that the Statewide Mutual Aid Agreement stipulates that "assisting parties shall render assistance to the extent that personnel, equipment and resources are available" and "participating governments agree to render assistance to the fullest extent possible"
- Inform the agency head that the Requesting Party is responsible for costs incurred, unless there is an agreement between the parties that all or a portion of the costs will be provided on a gratis basis
- Agency head determines if the resources requested can be provided
- After the determination has been made, the resource request form will be completed in E Team[®]
- OEM will provide a copy of the request to the requesting party and FDEM immediately for verification



- The Requesting Party/FDEM shall respond by executing and returning a copy to the Assisting Party as soon as possible, after which OEM will notify the agency head and provide a copy of the executed documentation
- If the request was not routed through FDEM, OEM will contact the State Warning Point and advise them of the request and the response to the request as soon as possible, subsequently keeping FDEM informed if the Requesting Party made the request directly to the Assisting Party



Financial Management

Coordination Responsibilities

Financial management immediately prior to and following a disaster declaration and/or declared local state of emergency is the responsibility of each agency and/or organization's fiscal staff. The Orange County Office of Management and Budget, with support from the Comptroller's Office and Fiscal and Business Services Division, provides overall fiscal coordination for all OCERT members during an incident.

Guidance and Training

The Office of Management & Budget (OMB) and the Comptroller's Office share the role of staffing the Finance/Administration Section (FAS) during Emergency Operations Center activations. The FAS provides guidance and evaluation of all financial management components prior to, during, and following a disaster. FAS will also ensure complete and accurate records of emergency expenditures and obligations, including personnel and equipment costs, will be kept in anticipation of potential future reimbursement.

The Office of Management & Budget will ensure that periodic training sessions are conducted to include reporting guidelines and processes involving State and Federal disaster assistance. The Office of Management & Budget coordinates with the Office of Emergency Management in the delivery of such courses.

Documentation and Reimbursement Procedures

Copies of all expenditures, including personnel timesheets, must be kept by all departments, agencies, and municipalities to provide clear and reasonable accountability and justification for potential future reimbursement. Reimbursement for disaster related expenditures is not automatic and requires detailed records for authentication by FEMA.

Disaster assistance funding requires specific agreements under CFR 44. These agreements specify performance and reporting responsibilities. It is the responsibility of the Emergency Management Director or designee, in coordination with The Finance/Administration Section to ensure the preservation of vital records/documents deemed essential for continuing government functions and conducting post-disaster operations and develop reporting requests to the involved departments and agencies. All involved departments and agencies are expected to cooperate in the timely submission of the necessary reporting information. Required reports are submitted to the Florida Division of Emergency Management (FDEM), or the Disaster Field Office (DFO), in accordance with guidance provided by FDEM.



Mutual Aid and Billing

At times, Orange County may provide mutual aid to other counties, municipalities, or agencies as an Assisting Party. In most cases, automatic or established mutual aid agreements will dictate the terms and conditions of assistance and/or when those terms are activated. Other requests for assistance without prior authorization are determined by the activation status of the Orange County Emergency Operations Center. If the EOC is activated to a Level 1, requests for mutual aid will be made to the Emergency Management Director. When the EOC is activated to a Level 2 or 3, requests will be made to the Emergency Manager with further approval from the County Administrator, as appropriate.

The Requesting Party shall be responsible for the reimbursement of all authorized expenses to the Assisting Party. The Assisting Party shall bill the Requesting Party for all expenses after they incurred and as soon as practicable, but not later than sixty (60) days following the period of assistance. The deadline for identifying damage, however, may be extended in accordance with 44 CFR Part 206.

The Assisting Party shall maintain detailed records for a minimum of three (3) years following project close out. The Assisting Party shall submit to the Requesting Party the appropriate FEMA summary forms along with invoices when requesting reimbursement.

Funding Requirements

Funding agreements between Orange County and other legal entities shall be approved by the Board of County Commissioners and signed by the County Mayor. If funding agreements are issued between the State of Florida and the County, the Governor's Authorized Representative, usually the Director of the Florida Division of Emergency Management (FDEM), also signs the agreements for execution. Funding agreements provide supplemental Federal disaster grant assistance for the repair, replacement, or restoration of disaster-damaged, publicly owned facilities, and the facilities of certain private and/or non-profit organizations.

The Orange County Comptroller is responsible for the overall administration of financial management, including funding agreements. The Comptroller's Office also provides procedures for processing and maintaining records of expenditures and obligations for labor, equipment, and materials during emergency incidents and disaster events. The authority to expend funds for emergency management operations is contained in Florida Statute Chapter 252.

1. Funding Sources

Before, during, and following a disaster, there may be a variety of financial resources available to Orange County to prevent, prepare, mitigate, respond to and recover from a disaster or emergency incident.



- a) Public Assistance (PA) Program provides Federal reimbursement funds to State and local governments to quickly respond to and recover from major disasters or emergencies. These supplemental funds are for several purposes, including: repair, replacement, or restoration of public facilities owned and/or operated by a government damaged by the disaster, debris removal, and emergency protective measures. In general, the Federal share for Public Assistance is not less than 75% of the eligible costs. The Florida Division of Emergency Management administers the PA Program and determines how the non-Federal share (up to 25%) is split with the eligible applicants.
- b) Hazard Mitigation Grant Program (HMGP) was authorized under Section 404 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act. The program provides grants to states and local government to implement long term hazard mitigation measures after a Presidential disaster declaration. The overall purpose of the HMGP is to reduce the loss of life and property due to disasters and to enable mitigation measures to be implemented during the immediate recovery from a disaster in the affected areas. FEMA can fund up to 75% of the eligible costs of each project. The State or sub-grantee must provide a 25% match, which can be fashioned from a combination of cash and in-kind sources.
- c) State Homeland Security Grant Program (SHSGP) funds from the Department of Homeland Security (DHS) support the implementation of State Homeland Security Strategies to address the identified planning, organization, equipment, training, and exercise needs to prevent, protect against, mitigate, respond to, and recover from acts of terrorism and other catastrophic events. SHSGP funding is intended to improve the ability of State and Local agencies to prevent and respond to terrorist attacks using chemical, biological, radiological, nuclear or explosive weapons.
- d) Urban Area Security Initiative (UASI) funds from DHS's Office of Grants & Training are utilized to address unique planning, equipment, training, and exercises needs in high-threat, high-density urban areas. Funds enhance and sustain the capability to prevent, respond to, and recover from threats or acts of terrorism.
- e) Emergency Management Preparedness and Assistance (EMPA) funds are allocated from the Emergency Management Preparedness and Assistance Trust Fund created by the Florida Legislature in 1993 to implement necessary improvements in the State's emergency preparedness and recovery program and facilities.
- f) Emergency Management Performance Grant (EMPG) funds are designated to the State and Counties to pay for statewide and local disaster prevention, preparedness, mitigation, response, and recovery programs for all hazards.



- g) Hazard Analysis Grant funds originate from the State to the Counties to identify and conduct the on-site evaluation of facilities in the community that house hazardous materials considered to be Extremely Hazardous Substances (EHS).
- h) Metropolitan Medical Response System (MMRS) is funded by the DHS to support the integration of emergency management, health, and medical systems into a coordinated response to mass casualty incidents caused by any hazard.
- i) Community Emergency Response Team (CERT) funding is used to educate citizens about disaster preparedness for hazards that may impact their area and train them in basic disaster response skills such as fire safety, light search and rescue, team organization, and disaster medical operations.
- j) Citizen Corps Grant funds promote volunteer service activities that support homeland security and community safety for several citizen groups. The mission of Citizen Corps is to harness the power of every individual through education, training, and volunteer service to make communities safer, stronger, and better prepared to respond to the threats of terrorism, crime, public health issues, and disasters of all kinds.
- k) Pre-Disaster Mitigation Grant Program (PDM) funds are authorized under Section 203 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act. The program is designed to assist State and local governments in implementing cost effective hazard mitigation activities prior to a disaster event that complement a comprehensive mitigation program.
- l) Flood Mitigation Assistance Grant Program (FMA) provides funding to assist states and communities in implementing measures to reduce or eliminate the long-term risk of flood damage to buildings, manufactured homes, and other structures insured under the National Flood Insurance Program (NFIP).
- m) Fire Management Assistance Grant Program (FMAGP) funds are available to States, Local, and Tribal governments for the mitigation, management, and control of fires on publicly or privately owned forests or grasslands which threaten such destruction as would constitute a major disaster. The FMAGP provides a 75% Federal cost share and the State pays the remaining 25% for actual costs.
- n) Repetitive Flood Claims (RFC) Grant Program, under the Bunning-Bereuter-Blumenauer Flood Insurance Reform Act of 2004, was included as an amendment to the National Flood Insurance Act of 1968 to include up to \$10 million annually for FEMA to provide funds to assist states and communities to reduce flood damages to insured properties that have had one or more claims to the NFIP. FEMA may contribute up to 100% of the total amount approved under the RFC grant award to implement approved activities, as



long as the applicant has demonstrated that the proposed activities cannot be funded under the Flood Mitigation Assistance (FMA) program.

- o) Severe Repetitive Loss (SRL) Program under the Bunning-Bereuter-Blumenauer Flood Insurance Reform Act of 2004, was included as an amendment to the National Flood Insurance Act of 1968 to provide funding to reduce or eliminate the long-term risk of flood damage to severe repetitive loss structures insured under the NFIP. The SRL provides a 75% Federal cost share with the applicant paying the remaining 25%. States with FEMA-approved Standard or Enhanced Mitigation Plans that include a strategy for mitigating existing and future SRL properties are eligible to receive up to 90% Federal cost-share funding for projects approved in states.

Processing and Maintaining Records

The Office of Accountability's Fiscal and Business Services is responsible for specific measures for protecting records of all expenditures and obligations for equipment resources, materials, and personnel as reflected in each agencies' disaster plan.

Those agencies with vital records, such as the Clerk of Court, Property Appraiser, Health Department, School Board, etc., must take special care to ensure the safety of these records. Off-site storage of duplicate vital records, whenever feasible, is strongly recommended. All agencies should also have plans that address the recovery of damaged records.

All records, electronic and otherwise, for disaster reimbursement will remain the property of the County except in the case of agencies filing direct as an applicant (Sub-grantee).

The Florida Division of Emergency Management provides a Public Assistance Coordinator for more direction and assistance regarding mutual aid record keeping.

Orange County will acquire appropriate volunteers Incident Management Teams, and professional services as required to assist with any increased workload. Other departments may be required to loan or reassign employees with expertise related to the needs of the County in a disaster environment.



Municipal Coordination

Municipalities are responsible for communicating their needs to the County in order to determine whether the damage estimates meet the necessary thresholds for financial assistance. Orange County will coordinate with the State of Florida and the Federal government to distribute information on available funds and reimbursement opportunities to affected municipalities.

The County may use a variety of methods to encourage the municipalities to communicate their requests to the County, such as direct phone calls, incident briefings, the Council of Mayors, etc. Municipalities are advised of these opportunities primarily through the OCERT as Emergency Coordinating Officers (ECOs) during and directly following a disaster. ECOs will then communicate these opportunities to their organization, as applicable. ECOs can make resource requests through electronic incident management system and Situation Reports.



References and Authorities

Chapter 252 Florida Statutes for County Government

As mandated by Florida Statue Section 252.38, county governments are responsible for:

- Maintaining a county level comprehensive emergency management program that encompasses all governmental, private and volunteer organizations that has a role in emergency management.
- Preparing a comprehensive emergency management plan that's all-inclusive (i.e. evacuation activities) in preparation for any level of emergencies and catastrophic events.
- Maintaining an emergency management program that is designed to mitigate, prepare for, respond to and recover from a disaster by the enforcement of policies and regulations.
- Coordinating mutual-aid agreements inter-locally and among their surrounding jurisdictions.
- Implementing inter-state mutual aid agreements for assistance and reciprocal emergency aid in the event that the situation is beyond a county's capability.
- Executing educational public awareness programs that are designed for all citizens including those whom are hearing impaired and non-English speaking.
- Maintaining an accurate account the financial expenditures that are associated with disasters (including mobilized resources per mutual-aid agreements).
- Organizing public information throughout an emergency situation.
- Developing procedures to receive and shelter citizens whom reside within your jurisdiction and outside the designated area with assistance from the State.
- Operating and maintaining a 24-hour communication warning point.



Federal Statutory & Administrative Authorities

- The Robert T. Stafford Disaster Relief and Emergency Assistance Act (PL 100-707 which amended PL 93-288).
- Public Law 106-390, Disaster Mitigation Act of 2000.
- Post-Katrina Emergency Management Reform Act
- Homeland Security Act of 2002
- Homeland Security Presidential Direction #5
- Homeland Security Presidential Directive #8
- Presidential Decision Directive 39 (U.S. National Policy on Terrorism)
- Public Law 107 - 56 - (USA Patriot Act 2001)
- Public Law 93-234 - (Amended: Flood Disaster Protection Act of 1973)
- Public Law 101-615 - (Hazardous Materials Transportation Uniform Safety Act)
- Public Law 94- 499 - (Governs the planning of hazardous materials)
- Homeland Security Presidential Directive 5 (Management of Domestic Incidents)
- Homeland Security Presidential Directive 7 (Critical Infrastructure Identification, Prioritization, and Protection)
- Homeland Security Presidential Directive 8 (National Preparedness)
- FEMA N.I.M.S Basic: 501 Series
- FEMA National Response Framework



State Statutory & Administrative Authorities

- Florida Statute Chapter 1, Definitions
- Florida Statute Chapter 7, County Boundaries
- Florida Statute Chapter 14, County Boundaries
- Florida Statute Chapter 22, Emergency Continuity of Government
- Florida Statute Chapter 30, Sheriffs
- Florida Statute Chapter 73, Eminent Domain
- Florida Statute Chapter 74, Proceedings Supplemental to Eminent Domain
- Florida Statute Chapter 125, County Government
- Florida Statute Chapter 154, Public Health Facilities
- Florida Statute Chapter 163, Intergovernmental
- Programs, Part III Community Redevelopment
- Florida Statute Chapter 165, Title XII, Municipalities,
- Formation of Local Governments
- Florida Statute Chapter 166, Municipalities
- Florida Statute Chapter 252, Emergency Management
- Florida Statute Chapter 321, Highway Patrol
- Florida Statute Chapter 381, Title XXIX, Public Health
- Florida Statute Chapter 401, Medical Communications and Transportation
- Florida Statute Chapter 403, Environmental Control
- Florida Statute Chapter 404, Radiation
- Florida Statute Chapter 406, Medical Examiners
- Florida Statute Chapter 409, Title XXX, Social Welfare
- Florida Statute Chapter 427, Transportation Services
- Florida Statute 526.143 (Alternate generated power for motor fuel dispensing facilities)
- Florida Administrative Code, Section 27P
- Florida Division of Emergency Management Mass Migration Plan - CEMP Annex 2010



County Statutory & Administrative Authorities

- Orange County Ordinance 94-11, Emergency Management Ordinance
- Orange County Ordinance 2000-17, Emergency Management Ordinance
- Orange County Code Chapter 1, Administration
- Orange County Code Chapter 13, Fire Control and Prevention
- Orange County Code Chapter 21, Medical Examiner
- Orange County Code Chapter 24, Pollution Control
- Orange County Charter, January 1, 1987
- Orange County Administrative Regulations
- Orange County Emergency Operations Center Standard Operating Guidelines
- Orange County Disaster Emergency Purchasing Manual, 2007
- Orange County Local Mitigation Strategy
- Orange County Disaster Housing Plan
- Orange County Points of Distribution Plan
- Orange County Exercise Process Guidelines
- Orange County Logistical Management Strategy
- Orange County Hazard-Specific Guidelines for:
 - High Winds
 - Drought
 - Hazardous Materials Incidents
 - Lightning
 - Telecommunications Disruptions
 - Wildland Fires
 - Hail
 - Flooding
 - Loss of Electric Services
 - Crime/Terrorism



Supplemental Plans

These plans are used in unique situations and supplement the CEMP.

- Greater Orlando Aviation Authority
- Continuity of Operations Plan
- Debris Management Plan
- Sheltering Plan
- Post Disaster Redevelopment Plan
- Disaster Housing Plan
- Evacuation Traffic Plan
- Community Wildfire Protection Plan
- Temporary Housing Plan
- Traffic Management Plan
- Local Mitigation Strategy
- Regional Terrorism Response Plan
- Regional Inland Evacuation Plan

1. **Shelter Management**

Because of its position in the State of Florida, Orange County serves as a host-county for a variety of hazards. Occasionally, the county shelters its own citizens and visitors based upon the hazard and the potential impact(s) to the county.

For more detailed information on sheltering in Orange County, please refer to the Orange County Sheltering Plan.



2. **Shelter Operations**

a) **Impact-County Operations**

This deals with the sheltering of County citizens and/or visitors. This will be facilitated by the use of General, Pet-Friendly and People with Special Needs shelters as well as area hotels and motels.



b) Host-County Operations

Orange County is a potential destination for large numbers of evacuees from the coastal regions. To adequately shelter these evacuees Orange County utilizes General and Pet-Friendly shelters and area hotels and motels.

c) Long-Term Sheltering

In the event that a long-term sheltering solution is needed the members of the OCERT will coordinate with the Federal Government, the State of Florida, and area profit and non-profit groups to meet the demands for sheltering. This type of long-term sheltering is addressed further within the County's Disaster Housing Plan.

3. Types of Shelters

a) General Shelters

These strategically placed hardened facilities are used to shelter the general public and include public and private facilities. These shelters are staffed and operated by ESFs 6 Mass and/or 15 Volunteer and Donations.



b) People with Special Needs (PSNs) Shelters

These shelters service a particular segment of the population who need additional services prior to and following an incident. These facilities are hardened structures and strategically located throughout the County and are staffed and operated by ESF #8- Health and Medical Services.

c) Pet-Friendly Shelters

These hardened facilities are strategically placed throughout the county and are designed to shelter humans and pets in the same location. These shelters are staffed and operated by ESF #15- Volunteer and Donation Management.

d) Refuges of Last Resort

The possibility exists in a large-scale evacuation or disaster that traffic routes and/or existing shelters will be overloaded and there will be a need to shelter large numbers of individuals.

Refuges of Last Resort have been identified within the county. These refuges are, or will be, designated as official American Red Cross public shelters and will have minimal, if any, support available; they will merely serve to shelter motorists and/or individuals.



e) Cold Weather Sheltering

Sheltering against the effects of cold weather is coordinated by the City of Orlando Office of Emergency Management (OEM) as the area's homeless shelters are located within the city limits of Orlando.

When a "Cold Night" is designated, the Orange County Office of Emergency Management (OCOEM) will contact Orlando's OEM to establish a liaison role and verify support agency capabilities. A "Cold Night" is the term used when air and/or wind chill temperatures are forecasted to be below 40 degrees Fahrenheit and serves to initiate special sheltering provisions among the area's three main support agencies.

These provisions include suspension of some of the normal admittance rules and regulations and opens up additional sleeping space above the normal "permanent resident" totals. Those support agencies involved include The Coalition for the Homeless, The Salvation Army, and The Orlando Union Rescue Mission.

4. Evacuation Management

An incident may require evacuations of individuals from within Orange County or outside of the County. These evacuations may take two basic forms:

- Spontaneous Evacuations are unplanned with little or no warning. This may involve a small number of individuals up to an entire community.
- Planned Evacuations occur with advanced warning (i.e. Hurricane evacuations) and will mostly likely involve whole communities to entire regions of the United States.

The county currently has three plans that address evacuation scenarios: The Inland Evacuation Plan, the Traffic Management Plan, and the Catastrophic Evacuation Plan.

a) Evacuation Command and Coordination

Evacuations are ultimately managed by the Director of Emergency Management. The Orange County EOC will act as the principal coordination point for any major evacuations within Orange County.

b) Evacuation Routes

Orange County is not within a storm surge evacuation zone. The routes identified within Orange County are designed to funnel evacuees from the coasts to shelters within the County. This process is identified within the Orange County Traffic Operations



Contraflow
Source: Orlando Sentinel



Manual for Coastal Evacuations.

The major routes in this plan include:

- Interstate 4
- State Road 528
- Florida Turnpike
- State Road 50
- John Young Parkway
- State Road 417
- U.S. 441

c) Re-Entry

Following an incident, Orange County is responsible for overseeing the safe and efficient re-entry of citizens forced to evacuate. Re-entry will be accomplished through the coordination with surrounding counties and the State of Florida and may require the use of re-entry checkpoints and roadblocks to control re-entry. This process will also involve a number of phases, such as:

- First responders will re-enter the affected areas to conduct search and rescue, secure the area, and stabilize the areas affected.
- Utility providers will need to secure affected area(s) and begin the repair of critical infrastructure, as well as conduct damage assessments.
- Once the impacted area(s) are deemed to be safe, citizens will be allowed to return to their homes to take up residency or to collect personal belongings and begin the recovery process.

There are various ESFs and ECOs that may be involved in re-entry operations, including:

- ESF 1 - Transportation
- ESF 2 - Communications
- ESF 3 - Public Works & Engineering
- ESF 4 - Firefighting
- ESF 6 - Mass Care
- ESF 8 - Health & Medical
- ESF 9 - Search & Rescue
- ESF 10 - Hazardous Materials
- ESF 12 - Energy
- ESF 14 - Public Information
- ESF 16 - Law Enforcement
- Affected Municipalities and other ECOs
- ESF 18 - Community & Business
- ESF 19 - Damage Assessment
- ESF 20 - Utilities



Mutual Aid Agreements and Memorandums of Understanding

According to Florida Division of Emergency Management, copies of such agreements must be sent to the FDEM and must be consistent with Florida's CEMP. In time of emergency, it shall be the duty of each local emergency management agency to render assistance in accordance with the provisions of each mutual aid agreement.

a) Orange County has Mutual Aid agreements with the following Counties:

- Lake County
- Osceola County
- Polk County
- Seminole County
- Brevard County

b) Orange County has automatic Mutual Aid agreements with the following agencies:

- Greater Orlando Aviation Authority
- Kissimmee Fire Department
- Maitland Fire Department
- Orlando Fire Department
- Oviedo Fire Department
- Reedy Creek Fire Department
- Winter Garden Fire Department
- Winter Park Fire Department
- Apopka Fire Department

c) Other agencies Orange County has Memorandums of Understanding or Mutual Aid Agreements with include:

- Central Florida Regional Transportation Authority (Lynx)
- Salvation Army
- American Red Cross
- Duke Energy
- Orlando Utilities Commission
- TECO Gas



Appendix (B): Training Course Matrix

ORANGE COUNTY EMERGENCY MANAGEMENT TRAINING COURSES FOR EOC/ICS INTERFACE POSITIONS AND AGENCIES

Updated: 8-16-2017

M= Mandatory, R= Recommended Training, O= Optional, N= Not Applicable

	Executive/Policy Group	EOC Coordinators	SEPP Liaison	Liaison Officer	Public Information	Safety Officer	Military Liaison	Mass Care	Food and Water	Volunteer & Donation Mgmt.	Animal Services	Firefighting	Health & Medical	Search & Rescue/Dis Med	Environmental Services	Law Enforcement	Transportation	Communications	Public Works	Emergency	Utilities	Information & Planning	Community & Business	Damage Assessment	Resource Support	Message Center	
NIMS/ICS (Independent Study)																											
IS-100 Introduction to ICS	O	M	R	M	M	M	R	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
IS-200 Basic to ICS	O	M	R	M	M	M	R	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
ICS-300 Intermediate ICS	O	M	R	M	M	M	R	M	M	M	M	M	M	M	M	M	M	M	M	R	M	M	M	M	M	M	
ICS-400 Advanced ICS	O	M	R	M	M	M	R	M	M	M	M	M	M	M	M	M	M	M	M	R	M	M	M	M	M	M	
NIMS/ICS Overview for Executives and Senior Officials (IS-400)	R																										
IS-700 - National Incident Management System	O	M	R	M	M	M	R	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
IS-800B - National Response Framework Local EMI Responder Courses	O	M	R	M	M	M	R	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
Emergency Call Center Training (EM100)	N	O																								M	
Red Cross Shelter Manager Animal Behavior Awareness Training (EM106)	N	O																									
American Red Cross Shelter Manager Course (EM107)	N	O						R		R																	
Emergency Call Center REFRESHER Training (EM100)	N																									R	
Message Center/Call Router Training (EM400)	N																									R	
Emergency Operations Center (EOC) NIMS/ICS Refresher (EM800)	N	R	O	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
Points of Distribution (POD) Manager Training (EM700)	N	O							O	R															R		
Emergency Operations Center (EOC) and/or Disaster Operations Center (DOC) Training (EM900)	N	M	R	M	M	M	R	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	O	
PDS (Independent Study)																											
IS-120 is An Introduction to Exercises	N	M	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
IS-290 is Fundamentals of Emergency Management	O	M	R	M	M	M	R	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
IS-295 is Emergency Planning	N	M	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
IS-240 is Disaster and Influenza	N	M	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
IS-241 is Decision Making & Problem Solving	N	M	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
IS-242 is Effective Communication	N	M	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
IS-244 is Developing & Managing Volunteers	N	M	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
State Offered																											
G-775 or G-776 Emergency Operations Center (EOC) Management and Operations	N	M	R	M	M	M	R	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
G-190 Exercise Evaluation Course	N	R	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	
G-290 - Basic PIO	N	R	O	O	M	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	
G-399 Mitigation for Emergency Managers	N	R	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	
G-385 Mass Facilities	N	R	O	O	O	O	O	O	O	O	O	O	R	O	O	O	O	O	O	O	O	O	O	O	O	O	
G-191 ICS/EOC Interface	O	M	R	M	M	M	R	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	O	
FU-601 Preliminary Damage Assessment																											
FU-601-A Preliminary Damage Assessment Individual Assistance		R																									
FU-603 Public Assistance Grant Program		R																									
FU-604 Procurement Disaster Assistance Training																										R	
ICS Position Specific Courses																											
Operation Chief	N	R	O	O	O	O	O	O	O	O	O	R	R	O	O	R	O	O	R	O	R	O	O	O	O	O	O
Planning Chief	N	R	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	R	R	R	O	O
Logistics Chief	N	R	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	R	O	O	O	O	O	O	O	O
Incident Commander	N	R	O	O	O	O	O	O	O	O	O	R	R	O	O	R	O	O	R	O	R	O	O	O	O	O	O
Public Information Officer	N	R	O	O	R	O	O	O	O	O	O	R	R	O	O	R	O	O	R	O	R	O	O	O	O	O	O
Liaison Officer	N	R	O	R	O	R	O	O	O	O	O	O	O	O	O	O	O	O	R	O	O	O	O	O	O	O	O
Safety Officer	N	R	O	O	O	R	O	O	O	O	O	R	R	R	R	R	R	R	R	R	R	R	O	O	O	O	O
A Hazards Incident Management Team	N	R	O	O	R	R	O	O	O	R	R	R	R	R	R	R	R	R	R	R	R	R	O	O	O	R	O
EMI Residence Courses																											
EO202 Debris Management		O																		R		R					
EO273 Managing Floods in Development		O																		R							
EO361 Multi-Hazard Safety for Schools		O																									
EO388 Advanced PIO		O																									



Annex I: Recovery Functions

Introduction

This Annex defines the roles and responsibilities for Orange County agencies and personnel during recovery operations. It is intended to provide guidance and instructions for County Operations.

Recovery Objectives

Recovery is generally described as the process of returning a community to its pre-event condition. Recovery efforts are prioritized based on the needs for critical functions, services/program, vital resources, facilities and infrastructure identified in the disaster area. There are two general components of recovery: short-term recovery and long-term recovery.

Short Term Recovery Priorities

This phase is focus on addressing the immediate unmet needs, objectives are focus on health and safety needs beyond the rescue, the assessment of the scope of damages and needs, the restoration of basic infrastructure, and the mobilization of recovery organizations and resources including restarting/restoring essential services for recovery decision-making. Priorities of the short-term recovery phase, days following the disaster, include:

- Provide integrated mass care and emergency services in shelters
- Providing disaster consumables at the county's Points of Distribution
- Restoration of critical infrastructure, facilities and systems.
- Debris Clearance and open primary transportation routes to allow return reentry
- Identify long-term disaster housing needs and human services support
- Reestablish county economic engine and provide for post-disaster permitting
- Establish temporary infrastructure to support business opening

Long- Term Recovery Priorities

Long-term recovery typically involves activities taken in an attempt to redevelop and return the community to its pre-disaster condition Long-term recovery activities can last for many years following a disaster and objectives are focus on : redevelopment; environmental preservation and restoration; rebuilding; construction; repairs; and restoration. Two of the most important long-term activities essential for a community to



fully recover are economic recovery and business assistance. Priorities of the Long-Term Recovery process include:

- Replace of temporary housing with permanent housing options
- Redevelopment and revitalization of impact area
- Development of strategies for economic and social resurgence
- Rebuild social, economic and education system

Orange County is committed to the sustainability and resilience of the community, in order to ensure self-sufficiency and to reduce the potential effect of recovery, Orange County has developed as Post- Disaster Redevelopment Plan (PDR). The goal of the PDR is to serve as guiding document to address disaster development issues by identifying opportunities to partner and prepare with the community in the event some future disaster which requires long-term redevelopment efforts that stretches into the years following the disaster.

Concept of Operations

This section outlines the coordination, communication and collaboration of county, state and federal agencies need to provide for effective county-wide recovery operations. The following framework is design to support the community ability to recover from the aftermath of the disaster and build public confidence of the community's resiliency to return to normalcy.

Functional Roles and Responsibilities

1. **Primary Agency**

The Office of Emergency Management is responsible for organizing all recovery efforts. Recovery actions are coordinated with County Departments, Municipalities, state and federal agencies, and public and private entities.

- Direct the dissemination of information on State and Federal Emergency assistance available to the Public and Private agencies and Organizations
- Establish contact with State Coordinating Officer(SCO) and Federal Coordination with Federal Coordinating Officer (FCO)
- Coordinate the implementation of a Disaster Recovery Center (DRC)

2. **Support Agencies**

Each OCERT member is responsible for conducting recovery activities in Orange County following a disaster. This process will involve a variety of missions for short and long term recovery. It is important to note that the majority of these actions will be the same regardless of a disaster declaration being issued or not.

- a) ESF #1-Transportation – Central Florida Regional Transportation Agency



- Coordinate the transport of vulnerable populations to safer locations.
- Coordinate the transport of household and service animals of vulnerable populations to safer locations during the evacuation process.
- Coordinate the transport of life sustaining resources including food, water, ice, and tarps into the impacted areas.

b) ESF #2-Communication – Orange County Information System Services Division (ISS)

- Coordinate communication assets from government, volunteer groups, the telecommunications industry, federal and state agencies, and private vendors to meet all response and recovery communications needs.
- Ensure communication is established with other governmental agencies, shelters, feeding sites, distribution sites, staging areas, and other vital recovery sites as deemed necessary in support of other ESFs.

c) ESF #3-Public Works and Engineering – Orange County Public Works

- Coordinate debris removal on essential transportation routes, public property, waterways, and critical public facilities including emergency clearance (first push), permanent removal, staging, processing, disposal, and debris monitoring of all debris from public property.
- Prioritize and implement temporary emergency structural repairs at vital public facilities, county roads, bridges, and drainage systems and other vital infrastructure components.
- Ensuring open traffic corridors for the safe and efficient movement of emergency vehicles or for evacuation and reentry of threatened populations.

d) ESF #4 & 9 Firefighting, Search and Rescue – Orange County Fire Rescue

- Mobilize, manage and coordinate personnel, equipment and supplies in the detection and suppression of fires.
- Coordinate the activities of County and Municipal fire rescue resources during disaster scenarios, in order to accomplish incident objectives.
- Provide for the safety and health of all emergency personnel by providing logistical support, food, shelter and medical care. ESF #4 will interface with ESF #6 Mass Cares for shelter and ESF #11 for food and water.



- Establish staging areas and logistical support bases for requested mutual aid resources in coordination with all first response agencies.
- Plan, coordinate, and conduct and implement search and rescue operations in disaster impacted areas in accordance with established procedures based upon life safety and available resources.
- Coordinate with other ESFs for the efficient medical treatment and transportation of victims.
- Detect, identify, respond to, contain, and coordinate disposal of hazardous materials posing a threat to public health.

e) ESF #5-Information and Planning – Orange County Office of Emergency Management

- Support response and recovery operations through Incident Action Plans, Situation Reports, Emergency Operations Center (EOC) briefings, conference calls, intelligence gathering.
- Coordinate the processing and display of response and recovery information through the use of Geographic Information System (GIS) technology, other audiovisual displays, and other media.
- Consolidate key information into situation and technical data reports, along with documenting overall response activities and operations.
- Coordinate Recovery activities with Orange County Municipalities by gathering information and supporting county ESF coordination of municipalities' recovery operations

f) ESF #6-Mass Care Orange County Office of Emergency Management

- Coordinate and manage all aspects of host and risk sheltering operations for evacuees and disaster victims.
- Conduct disaster assessment surveys in impacted areas.
- Provide Family Services to disaster victims, including casework, counseling, and disbursement of vouchers for emergency housing, food, maintenance, building and repair supplies, household furnishings, medical supplies/medical needs, and occupational supplies and equipment.
- Coordinate the establishment and operation of mass feeding facilities in areas affected by disasters and coordinate with ESF #11 (Food and Water Unit) for the provision of food, water, and ice to disaster victims.
- Coordinate with ESF #8 (Health and Medical Unit) for supplemental disaster health services and emergency first aid.



- Maintain the Family Well-being Inquiry and provide disaster welfare information regarding individuals within the impacted area in order to reunite families.
- Coordinate the provision of emergency aid in shelters, fixed feeding sites, and emergency first aid stations.

g) ESF #7-Resource Support Orange County Comptroller's Office

- Identify, locate, and procure commodities and services as detailed in local emergency purchasing procedures.
- Transport, stage, track, mobilize, document, and demobilize all resources (commodities and services) necessary to support disaster response operations of the Orange County Emergency Response Team.
- Establish areas for staging, storing, and distributing warehoused supplies, goods, medical supplies, or other resources as needed.
- Coordinate maximum use of internal and external personnel, supplies, and equipment.
- Ensure appropriate financial tracking of these materials from the moment the resource is requested through the demobilization phase.

h) ESF #8-Health and Medical Orange County Health Services Department

- Address needs of vulnerable populations who live independently at home and people with special needs (PSN) clients, and establish PSN shelters for evacuees during emergency evacuations.
- Procure, store, distribute, dispense, and coordinate delivery of pharmaceutical and durable medical equipment products and services before and after disaster.
- Conduct a medical needs assessment of impacted areas post disaster and monitor health hazards including food and water through available syndromic surveillance systems.
- Provide recommendations for protective actions including quarantine and isolation, decontamination, prophylaxis, vaccination and other disease/health control measures.
- Coordinate provision of medical supplies and medical personnel to the impacted area.
- Coordinate behavioral health assessments and support in conjunction with ESF #6.
- Identify, isolate, decontaminate, transport, autopsy and store human remains.
- Inform the public of health related hazards in the pre, during and post disaster environment and provide safety recommendations.



i) ESF #11-Food and Water Salvation Army

- To provide emergency relief supplies including food, water, and ice to disaster victims utilizing congregate feeding sites, mobile feeding units, and Points of Distribution as determined by the county.
- Support emergency housing/shelter operations by providing logistical support to include food, water, and sanitation as needed.
- Based on incoming information, prioritize the most devastated area first with basic emergency relief supplies.

j) ESF #12-Energy Duke Energy,OUC,TECO

- Assess damage to energy system and evaluate energy demand and supply.
- Support the rapid restoration of energy system with consideration to priority locations.
- Identify and allocate all local government interim energy sources to support continuation of critical services, countywide restoration efforts, and public buildings.

k) ESF #13-Military Support Orange County Office of Emergency Management

- In coordination with the Orange County Emergency Management Director and State of Florida Liaison, ESF 13 will support any recovery operations, such as conducting and disseminate a rapid impact assessment of impacted area(s)
- All mission requests for military resources must be directed to the SEOC upon exhaustion of local resources.

l) ESF #14-Public Information Orange County Communications

- Provide accurate, timely, and coordinated information to all available media outlets during a disaster event.
- Coordinate response and recovery information from all county government entities to ensure consistency and accuracy.
- Coordinate the establishment of a Joint Information Center in compliance with established procedures.
- Provide and distribute public information and education programs regarding the recovery effort and available local, state and federal assistance for disaster victims.

m) ESF #15-Volunteers and Donations Management Orange County Human Resources

- Serve as the central point of coordination for recruitment, registration, classification, training, and assignment of volunteers' pre and post



disaster in support of response and recovery operations and unmet needs projects.

- Coordinate the collection, tracking, consolidation, storage, and distribution of relief supplies and donated goods that arrive in, or are made available to the community wide response and recovery effort.
- Coordinate with existing volunteer and disaster relief agencies serving Orange County to ensure efficient resource utilization and to avoid duplication of services.

n) ESF #16-Law Enforcement and Security Orange County Sheriff's Office

- Establish traffic control points to monitor and manage evacuations and re-entry in conjunction with other law enforcement agencies, and provide security and control access to designated impacted areas.
- Enforce curfews as established by an emergency declaration or executive order.
- Provide security protection at designated response and recovery sites and in support of appropriate response and recovery mission assignments.
- Provide aviation support for response and recovery mission assignments when Aviation Unit becomes available and as prioritized by the Emergency Operations Center (EOC).
- Support temporary morgue operations and provide next of kin notification.
- Establish staging areas and logistical support bases for requested mutual aid resources in coordination with all first response agencies.

o) ESF #17-Animal Care Orange County Animal Services

- Provide supplies, equipment and personnel to support pet friendly shelters once they have been activated.
- Assess emergency needs related to animal issues.
- Conduct veterinary care and disaster control to mitigate stray and loose animals in the post disaster environment.
- Coordinate the response to potentially diseased, rabid animals and exposed human populations.
- Maintain emergency animal hospital care capabilities.
- Coordinate the supply of animal food and medicine.
- Secure and identify lost and stray domestic and exotic animals and reunify them with their owners. Collect and dispose of dead animals.

p) ESF #18-Community and Business Orange County Consumer Fraud



- Develop operational procedures and coordination protocols to assess damage and long-term impact to the business community in Orange County.
- Coordinate with local chambers of commerce and business association to establish operational procedures with locally owned and operated business which will expedite business recovery resumption services.
- Define policies to expedite post disaster recovery and redevelopment for the private sector.
- Identify coordination mechanisms to link local businesses to private and public sector sources of financial and recovery solutions.
- Foster contingency plans for innovative methods of re-supply, distribution, communication, and transport.
- Developing operational procedures to reach out to neighborhood organizations through direct contact and conduct impact assessment to identify areas in need of response and recovery assistance.

q) ESF #19-Damage Assessment Orange County Property Appraisers Office

- Coordinate damage assessment data for public assistance eligible facilities in compliance with the federal Stafford Act.
- Coordinate damage assessment data and habitability for private homes and businesses in compliance with the federal Stafford Act.
- Coordinate mutual aid assignments.

r) ESF #20-Utilities Orange County Utilities

- Prioritize impacted areas based upon impact assessment data.
- Restore utility transmission, distribution systems, and treatment and disposal systems.
- Prioritize and implement temporary emergency structural repairs at vital utility facilities.
- Assist municipalities and hospitals in emergency repairs of vital facilities.
- Provide technical advice and evaluations, engineering services, construction management and inspection, operations, and emergency contracting to sustain these activities.

Coordinating Recovery Activities

a) Director of Emergency Management

The Director of Emergency Management has the overall responsibility for overseeing, coordinating, activating and managing the recovery efforts within Orange County. This includes the following roles and responsibilities:



- Appointing a County Liaison to coordinate recovery activities with the Joint Field Office (JFO) and State Recovery Staff
- Coordinate recovery activities with the municipalities and direct ESFs to gather need information from municipalities and assist with supporting their recovery operations
- Assign a designee to serve as the County's Community Relations Coordinator to identify and serve the needs of citizens impacted by disasters by identifying the status of community resources and needs.

b) Coordination with State and Federal Programs

- The Director of Emergency Management will coordinate disaster relief efforts/programs with State and Federal agencies.

- State Liaison:

A Florida Division of Emergency Management staff member will fill this position. Their responsibilities include:

- Acts as the liaison between the Disaster Field Office, State recovery staff, and Orange County
- Coordinating with County Emergency Management in on-going State recovery actions
- Assists in the rapid acquisition of Initial/Preliminary Damage Assessment information
- Identifies areas of high impact
- Advises the County of the information and logistical needs of incoming recovery teams
- Federal Liaison

The Federal Emergency Management Agency may deploy personnel to the County EOC. This representative would work in concert with the SERT Liaison and/or the Advanced Recovery Liaison the EOC Operations Desk. Their role in the EOC is to act as an advocate and liaison with the Federal

Transition from Response to Recovery

- The Director of Emergency Management in conjunction with the Executive Policy Group, County's ESF, and other emergency management stakeholders will make the determination to transition from response to recovery.
- ESF 5 will develop a Situational awareness report to identify and monitor any areas that may overlap between recovery and response and develop an action plan for recovery functions based on known and unmet needs. Information is collected from the County ESF, municipalities, and other community partners.
- As recovery functions begin to take place, ESF 19 will be directed to begin damage assessment process as soon as it safe to do so.



- The Director of Emergency Management will coordinate with other state and federal personnel the location and activation of Joint Field Offices and other resources need to sustain recovery operations.
- The Director of Emergency Management will advise the State of Florida Liaison of the recovery function status and request ESF 13 task team to support preliminary damage assessment operations.
- If a local State of Emergency has not been declared, the Director of Emergency Management, in discussion with the Executive Policy Group may request a Local State of Emergency to be cleared for the county.
- In coordination with State officials, the Director of Emergency Management will obtain initial information for the potential of a Governor's declaration of State of Emergency for the county and or a Presidential declaration of Emergency.
- If a Presidential Declaration is available or appears likely, Orange County will establish a Disaster Field Office (DFO). DFO is a temporary local, state and federal one stop shop for disaster recovery assistance. Steps in requesting federal aid may include the Damage Assessment Report, attendance to applicant briefing and identifying eligible project for funding opportunities.
- In the event that State and Federal assistance is unavailable the Director of Emergency Management in coordination with the Executive Policy Group will identify and establish any county sponsor programs for recovery efforts.

Damage Assessment Functions

Damage Assessment Coordinator

ESF #19-Damage Assessment the lead by Orange County Property Appraiser's Office, serves as the primary agency for conducting initial damage assessment, building habitability and estimating the loss value of damaged property. Their responsibilities include:

- Coordinate the completion of the Initial Damage Assessment
- Assist the State of Florida and the Federal government in completing the Preliminary Damage Assessment
- Orange County Building Safety Division is responsible for assessing post-disaster damage/habitability inspections.
- Other assisting agencies may include Fire Rescue, Sheriff's Office, Parks and Recreation, Fleet Management, Utilities, and Facilities Management.



Damage Assessment

In all cases, the mission of the local, State and FEMA damage assessment teams is to:

- Assess the extent of damage and habitability to individual homeowners and businesses
- Assess the extent of damage to public facilities
- Assess the extent to which the immediate emergency needs of the public are being met and the need for additional State assistance

a) Initial Damage Assessment

Once emergency conditions subside, ESF #19-Damage Assessment will conduct habitability and Initial Damage Assessment (IDA) and will be responsible for reporting this information to the EOC.

Municipalities will share the responsibility for conducting their own habitability and IDA and will forward the information to the County Emergency Operations Center. If a municipality is unable to perform habitability and IDA they must coordinate with the county to conduct habitability and IDA.

The IDA will be provided to the state, to assist the state in meeting their threshold and to determine if the county has met their threshold for Federal disaster assistance.

b) Data-Collection and State Reporting

• Data-Collection

Each damage/habitability assessment team shall maintain an accurate log indicating the time spent surveying the damaged areas, listing materials, supplies, and equipment used and making estimates of the costs incurred during the investigation. Photographs, maps, site sketches, and other site specific information must be part of the damage report. Refer to the ESF#19 Annex for further information on data collection.

• State Reporting

Once the IDA is completed and finalized, ESF#19 submits the information to the EOC. The EOC is responsible for submitting IDA report to the State EOC through standard reporting process established by the state. Based on this information and in consultation with State officials upon the receipt of a Presidential Declaration of Disaster, the Director of Emergency Management may request a Joint Preliminary Damage Assessment (PDA) Team

c) Preliminary Damage Assessment (PDA)



- A PDA is conducted by the State and FEMA to verify the severity of the impact and justify the need to pursue a request for Federal assistance. If a PDA is initiated, the Director of Emergency Management will designate a representative from the county to coordinate and accompany PDA Teams to survey impact areas. These representatives may include ESF19, supporting and coordinating agencies
- The role of the State and FEMA PDA Teams will be to verify the results of the initial damage assessment. Upon arrival, State and FEMA damage assessment teams will meet with local officials and be briefed on the results of the initial damage assessment. In the event of a catastrophic disaster, a damage assessment can be conducted after the Presidential Disaster Declaration. The assessment would then be used as a tool to guide the overall recovery effort.
- The PDA can be conducted through a number of different methods that can be utilized depending on the situation, these include:
 - Aerial Reconnaissance- This method will be implemented using fixed-wing, rotary aircraft, or unman aerial vehicles to assess a large area or because access to the affected area is blocked.
 - Windshield Survey- This method involves damage assessments teams driving around the affected area to record the number of homes and businesses damaged or destroyed. It is used to quickly assess the extent of the damage in a relatively short amount of time.
 - Walk-through- This is the most detail method to assess damages. It will involve the use of damage assessment teams walking through disaster-affected areas and categorizing damages to homes and businesses. This type of assessment is critical before a Federal disaster declaration can be implemented.

d) Economic Impact Assessment

In Orange County, assessing the extent and magnitude of the impact to the business and industrial sector is accomplished through a partnership between ESF #18-Community and Business and ESF #19-Damage Assessment. ESF #18 will serve as the lead in accessing the economic impact to the businesses in the affected area.

a) Local Public Assistance Coordinator

The Director of the county's Office of Accountability will serve as the local Public Assistance Coordinator (Chief Accountability Officer). The coordinator has the following responsibilities:



- Implementing and coordinating the PA process within the county
- Provide facilitation services to the county departments/division during the process
- Compiling and verifying all project worksheets before submittal to FEMA

Disaster Recovery Centers

1. Disaster Recovery Centers

Once a Presidential Disaster Declaration has been issued, the Director of Emergency Management, in cooperation with the Executive Policy Group, will request from the State EOC the establishment of DRCs in Orange County.

The Director of Emergency Management or designee will be responsible for coordinating with state and Emergency Management stakeholders the, staffing, selection, activation and operation of the DRC's.

A Disaster Recovery Center (DRC) will be established in the immediate area to provide immediate "one-stop shopping" for information and tele-registration. The DRC is the Federal government's primary mechanism for delivering disaster assistance information to disaster victims. The Director of Emergency Management or designee will provide State and Federal agencies with a list of locations that can serve as fixed or mobile DRCs. FEMA's guidelines for determining whether a facility may serve as a DRC include:

- Minimum of 5,000 square feet of floor space
- Waiting area capable of accommodating 100 persons
- Access for the disabled
- Separate areas for child-care, crisis counseling and first aid
- Adequate parking
- Located near public transportation systems
- Adequate utilities and communications
- Adequate restrooms and janitorial services

a) Mobilization

The Orange County EOC will request the opening of DRCs from the State EOC. The State of Florida and FEMA will then coordinate the opening of the DRC. DRC hours of operation statewide will be determined jointly by the State and Federal Coordinating Officers.



Once the DRC is activated, OEM will act as the overall coordinator in cooperation with the State and Federal government on the operation and coordination of the DRC. County ESFs will be directed to provide support for the DRC facilities, this includes Communications, Law Enforcement/Security, utilities, furnishing and any other resources or services needed to operate DRC sites. DRC site announcement and/or information to the Public will be coordinated through ESF 14 Public Information.

b) Demobilization

In cooperation with the Orange County EOC, the State EOC and FEMA will begin demobilize the DRCs. The decision to demobilize is based on the following factors:

- Numbers of individuals utilizing the DRCs
- Guidance and direction from the DFO
- Restoration of the critical infrastructure (water, wastewater, electricity) to the affected areas

c) Management

The DRCs are jointly managed by the State of Florida and FEMA. Individual DRCs are managed by a DRC manager who is either a State employee or a Federal employee.

d) Local Information/Referral Resources

The following agencies and/or organizations may provide local information on the location of DRCs, referral services, or have representatives within the Disaster Recovery Center. This may include:

- Orange County Government Services Center (3-1-1 Center)
- Heart of Florida United Way/2-1-1 Community Resources
- Orange County Health Services Department
- Orange County Family Services Department
- Orange County Community Emergency Response Teams
- Central Florida Community Organizations Active In Disasters (COAD)
- American Red Cross

Infrastructure / Public Assistance

Concept of Operations



The objective of the Federal Emergency Management Agency's (FEMA) Public Assistance (PA) Grant Program is to provide assistance to State, Tribal and local governments, and certain types of Private Nonprofit organizations so that communities can quickly respond to and recover from major disasters or emergencies .

When a Presidential Declaration is issued for an event impacting Orange County will receive notification from the State directly. Orange County Office of Accountability will appoint a designee to coordinate all activities related to federal reimbursement to local government and eligible private not-for-profit organizations, for their eligible costs incurred as a result of the event. Each County Agency is responsible for the collection and documentation of reimbursement information, identification of public assistance projects, and submission to Office of Accountability designee for countywide consolidation and submission to FEMA. Municipality, special district or not-for-profit must have their own separate application with the Federal Emergency Management Agency (FEMA) and will be required to file their own Request for Public Assistance (RPA).

Organizational Roles and Responsibilities

a) Primary Agency

Orange County Office of Accountability has the primary responsibility within Orange County to coordinate the activities required by the Public Assistance Program. This includes project formulation, project management and grant closeout.

b) Support Agencies

Depending on the disaster there would be a variety of local and county agencies/organizations in the public assistance program: Some of these agencies include:

- Public Works Department

Identify and submit necessary paperwork to obtain public assistance funds to repair roads and other county facilities that were damaged.

- Family Services Department

Work with the community assistance teams to identify the short term and long term needs of Orange County.

- Health Services Department

Works with the community assistance teams to identify and fund the short term and long term health needs of Orange County.

- Utilities Department

Works with the OEM and submits requests for public assistance for damages to the energy distribution infrastructure.



- Communications Office
Services as a point of contact for the media in regards to releasing public assistance information
- Fiscal and Business Services Division
Serves as the coordination body to obtain and distribute public assistance funds to affect. Reports and obtains funding through the available public assistance program to repair the county.

Pre-Identification of Applicants

The Orange County Office of Accountability pre-identifies likely applicants for the Public Assistance Program using information compiled from ESF 19 damage assessment. Potential applicants include all eligible government and private not for profit organizations experiencing damage to facilities. A list of organizations that may be eligible for Public Assistance based on their involvement in disaster activities may be found in the Table B-17. Potential applicants are then notified through various means including: written, verbally, electronically communications, notices in local newspapers, broadcasts on local radio and television stations and Orange County social media accounts. Potential eligible applicants will be notified of the date, time and location of the scheduled applicants' briefing. The Kick-off briefing is conducted by state personnel, and will be attended by Orange County Office of Accountability Public Assistance Project Coordinator designee with additional support of designated county staff.

Public Assistance Programs

The Orange County Office of Accountability Public Assistance Project Coordinator designee and/or county staff will review pre-identified applicants and eligible applicants identified at the time of an event to determine eligibility. These lists will identify the disaster assistance category, site location, description of the damage and scope of work necessary to repair, replace or restore projects to pre-disaster conditions. As needed, inspection of damage sites will be conducted by county, state and/or federal inspectors to determine the accuracy and validity of the described repair or reconstruction. A Project application will be submitted to the State and Federal officials for review and approval. Projects updates and/or notifications will be writing, explaining the approval or specific reasons for denial and providing information on appeal procedures.

a) Federal Assistance

The Robert T. Stafford Disaster Relief and Emergency Assistance Act (Stafford Act), Public Law 93-288, as amended by the Disaster Mitigation Act of 2000 (DMA2K) was enacted by the Congress of the United States to supplement the efforts of State and local governments during and after a Presidential Declaration for disasters. The Stafford Act as amended by the DMA2K was not intended to provide 100% reimbursement for all damages incurred during



disasters but permits Federal assistance, when the State and local governments have exhausted their resources and capabilities.

There are several forms of Federal disaster assistance not included in the Stafford Act:

- Search and Rescue (U.S. Coast Guard)
- Flood Protection (U.S. Army Corps of Engineers)
- Emergency Food Programs (U.S. Dept. of Agriculture)
- Small Business Administration Loans

a) Individual Assistance

This program assists individuals and families recovering from disasters. The different components of this program are:

- Small Business Administration loans
- Temporary Housing
- Individual and Family Grant Programs
- Disaster Unemployment Assistance
- Farm Service Agency Assistance
- Income Tax Service Assistance
- Food Coupons
- Disaster Related Stress Management

b) Public Assistance

- The cost share for the public assistance program may vary depending on the severity of the disaster.
- Eligible candidates include State and local agencies/organizations, medical facilities, custodial care facilities, educational facilities, emergency facilities, etc.
- The public assistance program is a cooperative effort between local, State and Federal officials so inter-agency planning and coordination is critical.

Debris Management

1. Debris Management



Debris removal efforts will focus on clearing major transportation routes to allow for the movement of emergency vehicles, traffic, emergency resources and supplies. After major transportation routes have been cleared, debris will then be removed from secondary roadways, residential streets, public parks and other areas identified by the OCERT members. For more information on the Debris management see Orange County Public Works Debris Management Plan.

a) Debris Management Coordinator

The Orange County Public Works Director is responsible for coordinating debris management activities prior to and following an emergency and/or disaster. This includes securing all required state and federal agency environmental permits, as well as coordinating debris management activities with state and federal agencies.

b) Debris Management Task Force

This task force is chaired by Assistant County Administrator for Office of Regional Mobility who oversees Public Works and the Assistant County Administrator Infrastructure Services. It is composed of the following county agencies and positions:

- Public Works Department
- Office of Emergency Management
- Community, Environmental & Development Services Department
- Planning Division
- Parks and Recreation Division
- Purchasing and Contracts Division
- Intergovernmental Affairs Coordinator
- County Attorney's Office
- Public Utilities Department
- Communications Office
- Code Enforcement Division
- Environmental Protection Division
- Real Estate Management Division
- Office of Management and Budget

This workgroup is responsible for directing the activities of the agencies involved and the debris management contractors prior to and following an emergency and/or disaster.



a) Debris Management Contracts

Orange County utilizes two types of contracts, which are:

- Disaster Debris Monitoring Services: This contract is responsible for monitoring the work of the Disaster Recovery and Debris Removal contractors.
- Disaster Recovery and Debris Removal: This contract is responsible for the collection, reduction and disposal of the debris created by a disaster.
- For information on current contracts, please visit www.ocfl.net

Debris removal from private property will not be undertaken by county personnel or at county expense. The property owner will be responsible for reimbursing the county for any debris removal from private property. Unless it's determined that it is in the greater interest of the county to do so.

b) Collection and Disposal

1. Collection

The collection of disaster debris is coordinated between ESFs 3, 20 and the Disaster Recovery & Debris Removal Contractors. The following facilities are used to collect this debris:

- Debris Processing Sites: These locations are pre-identified annually and may consist of county owned property, school sites, additional landfills, and private sites with signed agreements, etc. Following a disaster these sites may be operated by Orange County or the Disaster Recovery and Debris Removal contractors.
- Roll-Offs Sites: These are operated by the Disaster Recovery and Debris Removal contractors. They are operated at selected locations which are typically park sites.

2. Disposal

Orange County is located the central part of the state and is bordered by environmentally sensitive areas in the east, which include protected animal habitat, and wetlands. The impact of to each of these unique, environmentally sensitive areas must be analyzed before selecting a site.

To minimize the impact on remaining landfill capacity, alternative means of disposal will be used whenever possible. Vegetative debris will be separated from structural debris, and vegetative debris will be chipped and burned or land filled, depending on circumstances and



available resources. Burning will not be used when it creates a public health hazard or is contrary to environmental regulation. ESF #3 is responsible for determining the most cost-efficient, permissible method for vegetative debris disposal.

Construction debris should be separated and disposed of accordingly. Appliances, for example, should be stockpiled (rather than taken to a landfill) until necessary arrangements can be made for disposal.

Community Relations

1. **Community Relations Coordinator**

The Director of Family Services and/or designee serves as the County's Community Relations Coordinator. In this role he/she will coordinate the dispatch and activities of these teams with the Federal and State governments. He/she is also responsible for coordinating the deployment of these teams with the relevant OCERT members.

a) **Community Partners**

The county's Community Relations Coordinator will contact key community leaders and organizations in support of the program to assist in identifying community needs. These include:

- Community places of Worship
- Orange County OCERT members
- Orange County Americans with Disabilities Office
- Orange County Office on Aging
- Orange County Veteran's Affairs Office
- Second Harvest Food Bank
- Orange County Neighborhood Preservation and Revitalization Division

b) **Community Relations Coordinator duties**

- Plans, organizes and implements community relations goals and objectives; coordinates and integrates all activities toward achievement of established goals and objectives.
- Serves as public information officer and liaison between the City and the citizens, business community, press and news media.
- Creates a wide variety of written materials to ensure the timely release of public information such as newsletters, press releases, reports, and brochures.
- Responds to outside requests for informational materials and resources regarding City activities and programs.



- Plans, manages and implements a variety of community relations projects.
- Serves as liaison between the civic groups and business organizations involved in community projects and programs.

Community Relations Teams

The Community Relations Teams (CRTs) are composed of Federal, State and county agencies that will identify and serve the needs of citizens impacted by disasters. The CRTs responsibilities and duties include:

- Informing affected individuals of the assistance programs that are available to them.
- Identifying the status of community resources and needs (housing, food, running water, etc).
- Confirming that civilians recovering from disasters are being provided appropriate services (sheltering, food, mental health, etc).

Special Populations

Special populations in Orange County that may require special outreach include the homeless, immigrant population, the elderly, and persons with disabilities.

Unmet Needs Coordination

Unmet needs refers to any needs that an individual, family and/or community needs that are normally part of the regular disaster assistance provided by county, state, and federal agencies/organizations. The Director of Emergency Management or designee will coordinate the county's resources and services available to meet or address any unmet needs. Fulfilling unmet needs requires the participation of various governmental and nonprofit agencies such as; The Office of Emergency Management, County ESF's and voluntary agencies such as the American Red Cross, Salvation Army, Catholic Charities, Second Harvest Food Bank.

Responsibilities and Procedures:

- Advise the Emergency Management Director and the Executive Policy Group of unmet needs and facilities, areas and/or populations affected
- Establish coordination with community and volunteer organizations providing services to disaster victims and inventory services available
- Establish coordination with municipalities and identify unmet needs in impacted areas and identify municipal efforts to meet those needs
- Establish coordination with any state or federal personnel assigned to address unmet needs in the impacted areas



- Obtain information from County ESFs and municipal EOCs regarding needs of disaster victims in the affected areas
- Coordinate with county ESF #15, community and volunteer agencies, and municipal, state and federal officials to obtain and deliver services or materials to address unmet needs
- Conduct a unmet Gap analysis and identify available programs to meet identified gaps.

a) Coordination of Unmet Needs with Communities

Coordination and support to the county's 13 municipalities is conducted by the Office of Emergency Management. Each municipality has a designated representative who serves as an ECO in the EOC. During activation, the ECO can request assistance directly from the ESFs and/or other ECOs.

In the event an ESF/ECO cannot fulfill that request locally, or the municipality requires facilitation assistance to obtain needed supplies/resources, the municipalities can request assistance through the EOC to request further assistance from the State.

Emergency Temporary Housing

A major disaster event could result in displacement of many families from their homes due to damages or unsafe conditions. When these conditions persist for long periods of time, it will be necessary to establish a temporary housing program for the displaced disaster victims. For a more detail information on the process described below see Housing see the Disaster Housing Plan.

The Orange County Housing and Community Development Division acts as the county's Disaster Housing Coordinator. This position will coordinate with Local Disaster Housing Task force. Members include representative from the office of emergency management, building division, county ESFs. It will also oversee the placement of disaster victims in short and long term housing solutions following a disaster.

A. Housing Assistance

This type of assistance involves the following:

1. Immediate Housing Needs

- a. Orange County in cooperation with the American Red Cross will initially shelter evacuees using the following programs:
- b. Emergency Shelters: This will include General Population, Special Needs and Pet-Friendly Shelters. This type of sheltering is limited to 30 days or less.
- c. Hotel Waivers: This type of assistance is granted by the American Red Cross. It involves sheltering evacuees in area hotels and motels. The



evacuees are given a client assistance card. This card can also be used to make apartment deposits and a first month's rent.

2. Intermediate Housing Needs

- a. Voucher Program: This program is administered by the Housing and Community Development Division and is active for a period of no more than six months. It will assist evacuees in paying their rent.
- b. Rental Properties: The Housing and Community Development will work with owners of rental properties throughout the County to assist in connecting potential renters with these properties.
- c. Travel Trailers: The use of these travel trailers will be used primarily within the County's Manufactured Home Parks to replace damaged or destroyed manufactured homes. These travel trailers should also be in compliance with the Americans with Disabilities Act.

3. Long-Term Catastrophic Disaster Housing

- a. Group Sites: These sites can be established on public or private owned land. These sites would be used to travel trailers for evacuees who cannot locate a rental property or are no longer eligible under the other housing programs.

Logistical Support and Resources

Requests for resources will be completed utilizing the Orange County's Resources Management Tracking Software, and will be automatically forwarded to ESF #7 – Resource Support. If possible, ESF #7 will fill the request in the following order: first from local resources, then regionally available resources, and finally from the State.

When filling resource requests at the local level, ESF #7 – Resource Support will acquire local resources through the use of current contracts or the county's procurement process. When forwarding a resource request to the State, ESF #7 will forward the request to the ops desk and the Ops desk to make the request via EMConstellation. The ops desk will update Orange County's Resources Management Tracking Software with information from EM constellation and track resources and use.



Annex II: Mitigation Functions

Introduction

Orange County has established and active mitigation program, as a separate entity from the Comprehensive Emergency Management Plan (CEMP). However, the county's mitigation programming is interconnecting. The purpose of this annex is to define mitigation related actions as it pertains to the implementation of the CEMP. The interdependence between the CEMP and Local Mitigation Strategy (LMS) is outline below:

- The CEMP used the hazard identification risk and vulnerability analysis findings of the Local Mitigation Strategy to address impacts and resources gaps for emergency preparedness and response needs.
- Monitoring the effectiveness of relevant previously implemented mitigation initiatives in decreasing the impacts of disasters
- Using the Local Mitigation Strategy to identify an select mitigation initiatives projects for implementation with mitigation grant funds made available in the aftermath of a major disaster event
- Participating in discussion on redevelopment and reconstruction in areas impacted by a disaster event to incorporate appropriate mitigation factors and concerns

Mitigation Program

The Mitigation Program in Orange County was established to develop activities, policies, or initiatives to reduce the hazard impacts for Orange County. The Mitigation program is implementing via the Local Mitigation Strategy (LMS). The LMS was approval by both the State of Florida Division of Emergency Management (DEM) and the Federal Emergency Management Agency (FEMA). Orange County Board of County Commissioners adopted the LMS on February 26, 2017 and will expire on February 26, 2022.

Mitigation Planning

The Office of Emergency Management is the lead agency for mitigation activities within the county for pre-disaster and post-disaster scenarios. An Emergency Management Specialist is tasked with providing technical support, coordination, and liaison services between the Office of Emergency Management, the Orange County Local Mitigation Strategy Working Group, and the State of Florida Division of Emergency Management



The Local Mitigation Strategy (LMS) establishes the interim and long-term strategies, action, goals and objectives for the mitigation program. The development and monitoring of these tactics is coordinated through the LMS Working Group. The Orange County LMS Working Group serves as the county's multi-jurisdictional, multi-hazard mitigation advisory group and is responsible for the annual update of the LMS, along with the five (5) year revision. As per Florida Administrative Code (FAC) 27P-22, the LMS Working Group and associated LMS plan is required to receive federal disaster funds under the Hazard Mitigation Grant Program (HMGP).

The LMS Working Group is a multi-jurisdictional group and includes representatives from around Orange County. For a detail list of participating members see LMS table 1 *Orange County Local Mitigation Strategy Working Group Membership (p.6)*. The LMS Working Group Structure consists of the Steering and planning Committees. The Steering Committee is charged with providing the overall direction and guidance that the LMS Working Group should be taking. They are tasked with the oversight and coordination of actions or decisions made by the LMS Working Group. The Planning Committee is tasked with identifying, analyzing, and monitoring the hazards that may threaten Orange County. They are also responsible for reviewing, ranking, and prioritizing potential mitigation projects.

The LMS Working Group has standing meetings that are conducted on the second Wednesday of each quarter (February, May, August, and November). These meetings are designed to update the members on current and ongoing mitigation activities; present information on hazards, vulnerabilities, and risk from subject matter experts; review mitigation methods and tactics; provide an overall update on new or emerging technologies or research methods; and to solicit input on new or potential mitigation projects from organization representatives and municipalities.

Examples of hazard mitigation measures include, but are not limited to, the following:

- Development of mitigation standards, regulations, policies, and programs
- Land use/zoning policies
- Strong building codes and floodplain management regulations
- Dam safety program and levee systems
- Acquisition of flood prone and environmentally sensitive lands
- Retrofitting, hardening, or elevating structures and critical facilities
- Relocation of structures, infrastructure, and facilities out of vulnerable areas
- Public awareness or education campaigns
- Improvement of warning and evacuation systems

National Flood Insurance Program

The National Flood Insurance Program (NFIP), a national program for floodplain management, has a strong mitigation provision to encourage communities to reduce or eliminate flood losses. One of the major tools the NFIP uses to promote mitigation is the Community Rating System (CRS).



NFIP allows property owners in the 100-year flood zone to acquire federal flood insurance policies on their land. The cities and county participation in CRS qualify residents for a reduced rate on flood insurance, which varies depending on the level of activities the jurisdiction, performs to reduce its flood potential.

Orange County has participated in the NFIP program since the early 1980's. The County's Stormwater Management Division continues to implement and enforce all aspects of the NFIP.

Listed below are some of the efforts undertaken to continue to comply with NFIP and CRS requirements as well as bring a general level of flood awareness to Orange County residents

- Flood prevention and flood insurance information on the county website.
- Community meetings at Home Owner's Associations (HOAs).
- Participation in community wide outreach (e.g. Annual Hurricane Expo).
- Flood prevention and flood insurance yearly mailing to all residents within floodplain (approximately 225,000 letters).
- Handouts and reference material available to the public at the County Public Works Department Office.
- Copy of FEMA flood insurance maps available at the Orange County Public Libraries.
- Floodplain layer available through the Orange County Public InfoMap, an online GIS tool

Unincorporated areas of Orange County, along with the municipalities of Apopka, Belle Isle, Eatonville, Edgewood, Maitland, Oakland, Ocoee, Orlando, Windermere, Winter Garden and Winter Park, participate in the NFIP. Currently there are three political jurisdictions, Bay Lake, Lake Buena Vista and the Reedy Creek Improvement District, that do not participate in the NFIP. In addition, three (3) of these communities, Apopka, Orlando and unincorporated Orange County, participate in CRS.

Various locations within Orange County are vulnerable to flooding, as indicated in the hazard analysis section of the local mitigation strategy. Accordingly, Orange County Office of Emergency Management, Orange County Public Works and the Orange County Property Appraiser's office work together to identify Special Flood Hazard Areas (SFHAs) damaged structures. Once the information is compiled a GIS map of the affected areas is produced and used to direct damage assessment crews in the field. The damage observed is assessed and categorized using FEMA guidelines.

The table below outlines the Orange County NFIP and CRS communities in Orange County. For detailed analysis of the flood prone areas in Orange County see the Local Mitigation Strategy (LMS).

NFIP and CRS Communities in Orange County, FL



Jurisdiction	NFIP Community ID	Initial Flood Hazard Boundary Map (FHBM) Identified	Initial Flood Insurance Rate Map (FIRM) Identified	CRS Entry Date and Class
Apopka, City of	120180	07/19/1974	09/29/1978	10/01/1993, Class 7
Belle Isle, City of	120181	07/19/1974	09/15/1978	
Eatonville, Town of	120182	07/19/1974	12/01/1978	
Edgewood, City of	120183	07/19/1974	09/29/1978	
Maitland, City of	120184	07/19/1974	09/05/1979	
Oakland, Town of	120663		12/06/2000	
Ocoee, City of	120185	08/02/1974	11/01/1978	
Orange County Unincorporated	120179	01/30/1976	12/01/1981	10/01/1991, Class 5
Orlando, City of	120186	08/02/1974	09/03/1980	10/01/1993, Class 6
Windermere, Town of	120381	04/22/1977	12/18/1984	
Winter Garden, City of	120187	07/19/1974	09/29/1978	
Winter Park, City of	120188	10/18/1974	11/15/1979	

Emergency Support Function #1: Transportation Unit

Primary: Central Florida Regional Transportation Authority
(LYNX)

Support Agencies: Orange County Public Schools Transportation
Orange County Health & Family Services Department
Greater Orlando Aviation Authority

Coordinating Organizations:
Access LYNX (MV Transportation)
Amtrak
Center for Independent Living (Transportation)
CSX Transportation
Florida Department of Transportation, District 5
Mears
Seniors First

I. Introduction

A. Purpose & Scope

1. The purpose of this Emergency Support Function (ESF) #1 is to provide for the organization, mobilization and coordination of all transportation services and resources before, during and following disasters within Orange County.

B. Policies

1. Coordinate the transport of vulnerable populations to safer locations.
2. Coordinate the transport of household and service animals of vulnerable populations to safer locations during the evacuation process.
3. Coordinate the transport of life sustaining resources including food, water, ice, and tarps into the impacted areas.
4. Coordinate the transport of equipment, supplies, and facilities upon request of the Operations Section Chief in support of response and recovery operations.

C. Planning Assumptions / Limitations / Resource Limitations

1. All County transportation assets under the control of the Board of County Commissioners shall be made available to ESF #1 upon

implementation of the Comprehensive Emergency Management Plan (CEMP).

2. The provision of transportation services requires the use of the primary infrastructure including roads, bridges, railways, public transit systems, and airports.
3. The impacted community may require additional transportation services due to the threat to and/or destruction or disruption of the community infrastructure, services or housing.
4. During a wind event, transportation service may be suspended when sustained winds reach 35 mph or greater or upon discretion of the ESF #1 Emergency Coordinating Officer/Operations Manager/EOC Manager.
5. Various hazards will provide logistical challenges for ESF #1 such as Biological Hazards threatening drivers. LYNX has the ability to sanitize transit vehicles.
6. It is a community priority to reestablish daily public transit services as soon as possible.

II. Organization and Responsibilities

This section identifies the responsibilities for each primary, support, and coordinating agency. Procedures, checklists, and job aids for implementing these responsibilities should be detailed in agency specific Standard Operating Procedures / Guidelines.

A. Central Florida Regional Transportation Authority (LYNX). The primary agency of ESF #1 serves as the Transportation Unit Leader under the Logistics Section Service Branch. This Unit reports directly to the Operations Section Chief.

1. Lines of Succession: The following is the line of succession of individuals with responsibility for coordination, control, and continuity of ESF #1 during an emergency: Chief Executive Officer of LYNX, Director of Risk Management and Safety (as detailed in the continuity of operations plan).
2. The Chief Executive Officer of LYNX is designated as the primary contact and shall staff the Emergency Operations Center (EOC) upon notification and ensure 24-hour staffing coverage. LYNX is the public transportation provider for the tri-county area of

Orange, Osceola, and Seminole counties. LYNX is also the Community Transportation Coordinator (CTC). In this role, LYNX coordinates transportation for, Transportation Disadvantaged (TD) Program and the Americans With Disabilities Act (ADA) Program. LYNX does not fall under any city or county jurisdiction; it is an independent government organization.

3. Transportation Liaison: ESF #1 as the ECO is the Subject Matter Experts for all transportation issues in the EOC. They will coordinate with public, private, non profit, and volunteer transportation providers throughout Orange County and the State of Florida. This may include but is not limited to:

- a) Florida Department of Transportation
- b) Greater Orlando Aviation Authority
- c) CSX Transportation
- d) AMTRAK
- e) Center for Independent Living
- f) Mears Transportation
- g) Disney World Bus
- h) Seniors First
- i) OCPS

4. The Primary Agency Emergency Coordinating Office will prioritize missions in coordination with the Operations Section Chief based on life safety, incident stabilization and protection of property for the response to and recovery from the consequences of identified hazards.

5. Annually update supporting plans, SOG/SOPs, and staffing roster.

6. Either once every four years or upon request of the Emergency Management Director, review this ESF Annex and forward revisions to the Orange County Office of Emergency Management.

7. The Director of Risk Management and Safety will maintain resource inventory.

B. Orange County Public Schools Transportation

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.

2. Provide large capacity vehicles and drivers for use in evacuations and group movements.

3. Assist with the coordination of transportation to and from shelter facilities.
 4. Provide oversight and dispatch to vehicles.
 5. Maintain, review, and update this ESF, and ensure coordination with all supporting policies, plans, and procedures. Maintain a list of current contact persons.
 6. Supply support vehicles and coordinate the transport of life sustaining resources including food, water, ice, and tarps into the impacted areas.
- C. Orange County Health and Family Services Department
1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
 2. Assist with attainment of volunteers.
 3. Provide transportation resources for bedridden patients.
 4. Maintain, review, and update this ESF, and ensure coordination with all supporting policies, plans, and procedures. Maintain a list of current contact persons.
- D. Florida Department of Transportation, District 5
1. Provide status information of all DOT operated roads, highways, bridges, and suspension of toll operations ESF 1 primary agency.
 2. Upon request of primary agency, provide resources in support of ESF 1 response and recovery operations.
 3. Maintain, review, and update this ESF, and ensure coordination with all supporting policies, plans, and procedures. Maintain a list of current contact persons.
- E. Greater Orlando Aviation Authority
1. Assist with coordination of air transportation.
 2. Update the primary agency as to the activation status of the two Orlando Airports for inclusion in Incident Action Plan and Situation Reports.
 3. Coordinate with lead agency on the movement of persons and supplies through air transport.

4. Maintain, review, and update this ESF, and ensure coordination with all supporting policies, plans, and procedures. Maintain a list of current contact persons.

F. CSX Transportation

1. Provide transportation for the movement of supplies and equipment.
2. Provide oversight and management to supervise the movement of supplies and equipment.

G. Access LYNX by MV Transportation.

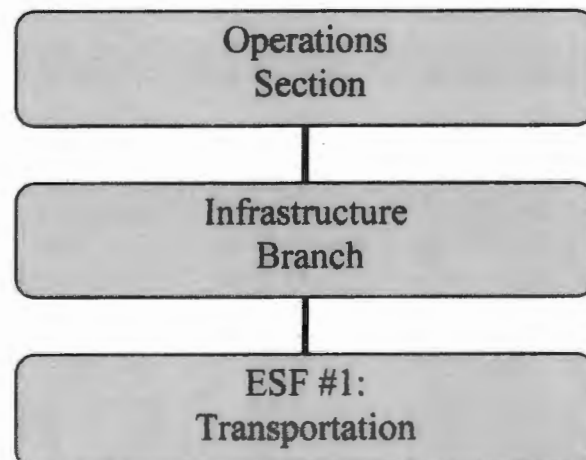
1. Assist the primary agency with contacting the various ACCESSLYNX Carriers in order to provide Paratransit accessible vehicles and operators.
2. Provide oversight and dispatch to Paratransit vehicles.
3. Coordinate these transportation activities with the primary agency.

H. Seniors First

1. Provide wheelchair accessible vehicles and operators for movement of persons of elderly and disabled, where applicable
2. Provide oversight and dispatch to vehicles.

I. Center for Independent Living

1. Provide wheelchair-accessible vehicles and operators for movement of persons of elderly and disabled.
2. Provide oversight and dispatch to vehicles.



III. Concept of Operations

A. General

1. A significant disaster will require transport of vulnerable individuals including persons with special needs, physically handicapped, transportation dependent, and mobility impaired persons and their pets to safer locations working with all public, private, and non profit transportation providers.
2. Based upon the type of hazard, evacuees may be transported to a variety of locations which provide protection for the impending threat including shelters, hospitals, decontamination sites, quarantine areas, temporary holding areas.
3. A variety of requests for transport of persons, authorities, and resource distribution. The following demands must be addressed during the initial period.
4. Transportation impacted populations to and from feeding centers, shelters, temporary/disaster housing sites, and other facilities upon request of the Operations Section Chief, Director of Emergency Management, or ESFs.
5. Provide transit of special needs residents as requested by ESF #8.
6. Coordinate the transport of equipment, supplies, and facilities upon request of the Logistics Section Chief in support of response and recovery operations for ESF #2, 6, 7, 8, 11, 15, 16, 17, and 18.

B. Notification

1. ESF primary agency will be notified via landline, radio, pager, or cell phone and in turn will notify its support agencies by the same methods.
2. Primary and support agencies will provide sufficient personnel to staff their function 24 hours daily throughout the activation period. The staff will be qualified persons able to make decisions for the agency.
3. Implement 24 hour staffing plans and based upon severity of the disaster consider pre-staging personnel and resources.

4. Maintain roster of all support and coordinating agency contact persons, make necessary notifications, activate support agencies as necessary, and maintain ongoing communications to support mission assignments.
5. Based upon severity of the predicted disaster notify all support and coordinating agencies to place resources on stand by and activate emergency contracts with vendors. Consider pre-staging personnel and resources at alternate locations in accordance with preparedness and COOP procedures.
6. Dispatch resources as needed including vehicles, personnel, and equipment.
7. Once personnel arrive at the emergency operations center, activate and log into electronic mission tracking system for ESF.

C. Mobilization

1. Assure that incident facilities and NIMS compliant reporting systems are established and maintained, review Standard Operating Procedures (SOP).
2. Notify primary, support and coordinating agencies as to readiness and needs. Establish communication with field personnel, and obtain status reports, notify OCEOC as to the readiness of ESF.
3. People with Special Needs Evacuation: Implement the procedures for the evacuation of persons with special needs in coordination with Operations Manager/EOC Manager /ESF #8. This may include:
 - a) ESF #8 notifies special needs evacuees and forward information to ESF #1.
 - b) Once ESF #8 resources have been exhausted, transport registered evacuees requiring assistance to a shelter upon request of ESF #8.
4. Information relay for input in the patient tracking System during pick-up and return;
5. ESF #1 will coordinate all public, private, not-for-profit organizations, and volunteer resources in support of other ESFs by providing transportation resources on an as needed basis to support the evacuation of vulnerable populations and their pets.

6. Preposition assets and coordinate all transportation resources to assure maximum support during recovery operations, including transport of essential goods and persons into the impacted area.

D. Response Phase

1. Each agency with field personnel will conduct a situation/impact analysis of the impacted area and will provide an evaluation of the impact and the identification of resources needed to support response and recovery operations.
2. In the immediate response phase, the movement of emergency responders, emergency response equipment, safety personnel and life saving relief supplies will be a priority. The Logistics and Operations Sections will work closely with command to coordinate their life saving efforts.
3. Fuel Supply: Set up fuel supply priority for securing operating supplies during events. ESF 12, then ESF 1.
4. Maintain the maximum level of public transportation operations possible with the resources not diverted to the emergency response activity.
5. ESF #1 will coordinate the transport of equipment, supplies, and facilities upon request of the Operations Manager in support of response operations.

E. Short Term Recovery Phase

1. Procedures initiating recovery and mitigation activities may occur simultaneously with the emergency response phase.
2. All Orange County primary, support, and coordinating agencies will conduct a comprehensive damage assessment of resources and facilities in compliance with the Federal Emergency Management Agency (FEMA) requirements. The damage assessment results will be reported to the primary agency.
3. The primary agency, in conjunction with ESF #3, the Operations Manager/EOC Manager will prioritize infrastructure restoration priorities to include debris removal from critical transportation system and emergency restoration efforts.
4. ESF #1 will coordinate the return of all evacuees once an all clear has been issued and the safety of the returning evacuees can be assured.

5. ESF #1 will coordinate transportation of displaced to temporary and alternate housing sites in the event that alternative housing must be designated for impacted victims.

6. ESF #1 will assist in the coordination the transport of life sustaining resources including food, water, ice, and tarps into the impacted areas to designated incident facilities including Points of Distribution and Staging Areas working with ESF #7.

7. ESF #1 will coordinate the transport of equipment, supplies, and facilities upon request of the Operations Manager/EOC Manager in support of recovery operations.

8. Coordinate ESF #1 status information with ESF #5 for distribution to ESFs in the OCEOC, other responding organizations, including reports of damage to or disruption of transportation infrastructure, traffic movement and system status, repairs, restoration of services, traffic movement

9. In close coordination with the Operations Manager, ESF #16 (Law Enforcement and Security) and other impacted ESFs, coordinate resource, security, and routing information for evacuations and traffic movement.

10. Communicate evacuation information for public dissemination to the Section Chief.

F. Mitigation Requirements

1. All Orange County primary, support, and coordinating agencies will incorporate the evaluation of mitigation initiatives during the damage assessment of resources and facilities.

2. The primary and support agencies of this ESF will coordinate with ESF #3 to evaluate alternates for repairing and reconstructing infrastructure components to be more disaster resistant.

G. Demobilization.

1. Each primary and support agency should assure that necessary operating facilities and reporting systems are deactivated and resources demobilized.

2. Notify the EOC that ESF #1 of the status of incident facilities and resources.

IV. Resource and Logistics Management

A. Resource Management Policies:

1. Under a state of emergency, all resources owned by the Board of County Commission can be deployed by the Primary Agency/Operations Manager/EOC Manager.
2. The cost of resource deployments is absorbed within existing budgets of each Department and appropriate documents for financial reimbursement must be maintained by each agency as detailed in the financial management section of the Basic Plan.
3. If a federal disaster declaration is issued, the eligible costs associated with response and recovery operations may be reimbursed through Federal Emergency Management Agency reimbursement funds as detailed in the Financial Management Section of the Basic Plan.
4. Resource management objectives will incorporate the following: personnel, equipment, training and exercise, facilities, funding, expert knowledge, materials, and the time frames within which they will be needed; and quantity, response time, capability, limitations, cost, and liability connected with using the involved resources.
5. Mutual Aid: ESF #1 will coordinate for the provision of all mutual aid resources to requesting parties outside of the county upon direction of the Emergency Management Director in accordance with appropriate resource management procedure, available assets, and in accordance with the Statewide Mutual Aid Agreement.

Five regional agencies that work together through mutual aid.

Categorizing available vehicles: length of the bus and capacity

Drivers

Fueling vehicles

B. Resource Typing

1. Inventory. The primary agency for ESF #1 and each support agency will maintain a current inventory of internal and external resources in compliance with NIMS resource typing standards. This will allow for the expeditious identification and procurement of external resources and assistance.
 - a) Personnel: drivers, maintenance personnel, fueling personnel
 - b) Equipment & Materials: fixed route buses, para transit vehicles, and school buses, spare vehicles and fleet vehicles

including availability by time of day and day of the week. Ensure all vehicles, including, are properly maintained and available for use during an emergency.

c) Incident Facilities: primary LEOC will be located at the LYNX Operations Center 2500 Lynx Lane, Orlando, FL and is supported with commercial television and radio, 2-way radios and telephone/fax to both transmit and receive communication.

- (1) fixed routes,
- (2) pick-up sites: designated during the disaster
- (3) fueling sites: get list from lead agency
- (4) staging areas LYNX's
- (5) Spare services

C. Training and Exercise

1. Training:

- a) It is the responsibility of each agency to assess, develop, and implement a training program for all personnel assigned responsibilities in this ESF.
- b) It is the responsibility of each agency to coordinate and track compliance with NIMS related training.
- c) Each agency must ensure that sufficient personnel are trained to perform their assigned duty on a 24-hour basis and that all key positions have a depth of three persons.
- d) Training must be conducted for public, private, non profit, and volunteer personnel.

2. Exercise:

- a) In coordination with the Orange County Office of Emergency Management, the Primary agency will annually participate in at least one HSEEP compliant drill or exercise to test response and/or recovery responsibilities related to this ESF.
- b) Each ESF will assist in the development, review, and program enhancements outlined in the HSEEP compliant post exercise improvement plan.

D. Vendor Agreements

V. References / Authorities

A. Each Orange County Office of Emergency Management Primary and Support Agency is required to develop, coordinate, and implement operational procedures to support their assigned responsibilities. All operations will be conducted under the National Incident Management

System and are written using a nationally accepted format. The following agencies have listed their policies and procedures:

1. Orange County Emergency Management Agency has developed SOG # to address the safety, health, and welfare of people and the protection of property and the environment. (*Safety SOG*).
2. *LYNX Emergency Incident Command System Guidance Document and Continuity of Operations Plan (no date listed).*
3. *No SOPs provided for any support or coordinating agencies.*

COMPREHENSIVE EMERGENCY MANAGEMENT PLAN STATE MANDATED CRITERIA

TRANSPORTATION (ESF #1)

This function defines the use and coordination of local transportation resources that support local agencies, volunteer groups, and other organizations in order to perform their mission during response and recovery from an emergency or disaster.

Criteria	Location
1. Identify the local agency which has primary responsibility for providing emergency transportation resources.	ESF 1, pp 2-3
2. Identify those agencies/organizations which have support roles and will be involved in providing necessary transportation resources.	ESF 1, pp 2-3
3. Identify duties and responsibilities of the primary and each supporting agency.	ESF 1, pp 2-3
4. Describe how missions and resources will be coordinated between primary and support agencies/organizations.	ESF 1, pp 6
5. Identify the position responsible for maintaining & updating the transportation resource inventory.	ESF 1, pp. 4
6. Provide the reference location of inventory of personnel, equipment and vehicles that will be used for emergency transportation, including the date of last revision.	LYNX SOGs School Board SOG
7. Identify any planning assumptions that were considered in the development of the transportation function. (i.e. capability limitations, resource shortfalls, use of mutual aid/outside resources and personnel, etc.).	ESF 1, pp 2
8. Describe the pre-positioning or staging of transportation resources.	
RESPONSE PHASE	
1. Describe the arrangements that have been made with gasoline suppliers to give priority to emergency vehicles.	Fueling SOP
2. Describe how transportation missions will be prioritized.	ESF 1, p 3
3. Describe the local capability to provide transportation for the elderly and special needs population.	ESF 1, p 6
RECOVERY PHASE	
1. If different, identify the primary and support agencies for transportation during the recovery phase of an emergency.	N.A
2. Define the duties and responsibilities of the primary and each support agency during recovery.	ESF 1, p. 8
3. Describe the coordination of transportation with other emergency support functions/agencies involved in recovery.	ESF 1, p. 6

Criteria	Location
4. Describe the local capability to provide transportation for the elderly and special needs population following a disaster.	ESF 1, p. 6
STANDARD OPERATING PROCEDURES The following criteria should be addressed and developed in the ESF #1 procedure.	
1. Identify personnel to meet staffing patterns to ensure 24-hour operation of transportation vehicles.	LYNX SOGs School Board SOG
2. Describe how drivers will be contacted with instructions to report to work.	LYNX SOG School Board SOG
3. Provide an inventory of personnel, data, equipment, and vehicles which will be used for emergency transportation, including the date of last revision.	LYNX SOGs School Board SOG
4. Identify pick-up points and pre-assigned routes for residents requiring transportation for both response and recovery.	EOC SOG

Emergency Support Function #2: Communications

Primary:	Information Systems and Services Division (ISS)
Support and Coordinating Organizations	ISS Public Safety Radio Services ISS 911 Administration Services ISS 311 Call Center Services Amateur Radio Emergency Service/Radio Amateur Civil Emergency Service (ARES / RACES) All Telecommunications vendors currently doing business with the County as listed on the County's Internet system under contracts section. Public Safety Answering Points (PSAPs) for the greater Orlando area (10 PSAPs -2 county facilities, 8 local municipalities, and 2 county Disaster Recovery locations)

I. Introduction - Strategic

A. Purpose & Scope

The purpose of this Emergency Support Function (ESF) #2 is to coordinate the provision of emergency communications resources for the response to and recovery from any disaster in Orange County.

B. Policies

1. Coordinate communication assets from government, volunteer groups, the telecommunications industry, federal and state agencies, and private vendors to meet all response and recovery communications needs.
2. Ensure compliance with all local, state, and federal communications requirements.
3. Ensure ongoing operation of vital emergency communications system to include the Emergency Alert System (EAS) and the Emergency Satellite Communications System (ESATCOM), Orange County's notification system (OCAAlert.net).

4. Ensure communication is established with other governmental agencies, shelters, feeding sites, distribution sites, staging areas, and other vital recovery sites as deemed necessary in support of other ESFs.
5. All incident communications will follow common NIMS terminology to ensure consistent and efficient communications among multiple levels of government and agencies.

C. Planning Assumptions / Limitations / Resource Limitations

1. All County communication assets under the control of the Board of County Commissioners shall be made available to ESF #2 upon implementation of the Comprehensive Emergency Management Plan (CEMP).
2. Coordination and support for municipalities, critical facilities, other ESF's efforts, and government agencies will be required.
3. Initial reports of damage may be fragmented and provide an incomplete picture of the damage to communications facilities.
4. Weather and other environmental factors may restrict mobile or transportable communications equipment into the affected area.
5. An effective emergency communication system minimizes the effects of a major emergency or disaster and provides authorities and first responders the information to respond and recover.
6. Emergency call volume, as well as police, fire and emergency medical service communications, will greatly increase during an emergency or disaster situation.
7. Typical communications capabilities will be disrupted to a certain degree in such situations an alternate means must be available for implementation.
8. Incoming mutual aid assistance personnel and other support personnel may not have compatible communications systems and communications protocols.
9. All incident / unified command and area command in the incident area should plan to have interoperable communications capability.

II. Organization and Responsibilities - Operational

This section identifies the responsibilities for each primary, support, and coordinating agency. Procedures, checklists, and job aids for implementing these responsibilities should be detailed in agency specific Standard Operating Procedures / Guidelines.

A. Information Systems and Services Division (ISS)

The primary agency of ESF #2 serves as the Communications Unit Leader under the Planning and Information Section. This Unit reports directly to the Planning and Information Section Chief (EOC Operations Desk Manager / EOC Supervisor).

1. Lines of Succession

The following is the line of succession of individuals with responsibility for coordination, control, and continuity of ESF #2 during an emergency: Chief Information Officer (CIO) Information Systems and Services and the line of succession as referenced in the Continuity of Government Plan.

2. EOC Representatives

The CIO of Orange County Information Systems and Services Department (ISS) is designated as the primary contact and shall staff the Emergency Operations Center (EOC) upon notification and ensure 24-hour staffing coverage.

3. ESF Coordinator Responsibilities

This individual will prioritize missions in coordination with the Director of Emergency Management (Operations Desk Manager / EOC Supervisor) based on life safety, incident stabilization and protection of property for the response to and recovery from the consequences of identified hazards. This individual also has the following responsibilities:

- a. Annually, review and update SOGs, train all personnel to fulfill their assigned responsibilities in accordance with their Standard Operating Procedures/Guidelines and the National Incident Management System.
- b. Either once every four years or upon request of the Emergency Management Director, review this ESF Annex and forward revisions to the Orange County Office of Emergency Management.
- c. Maintain roster of all support agency contact persons; make necessary notifications, activate support agencies, as necessary, and maintain ongoing communications to support mission assignments.
- d. Prioritize missions in coordination with the Director of Emergency Management based on life safety and protection of property, and the Incident Action Plan.
- e. Coordinate mutual aid and private vendor resource needs through the proper resource request procedure and maintain

documentation for financial reimbursement once local resource capabilities have been exhausted.

- f. Coordinate the provision of all mutual aid resources to requesting parties outside of the county upon direction of the Emergency Management Director in accordance with appropriate resource request procedure and available assets.
- g. Maintain a list of contacts and procedures to support and perform orderly information systems shut down, secure equipment and facilities, and coordinate post-event assessment and recovery for all information systems and infrastructure.
- h. Coordinate with the OEM, command, and branch section chiefs to evaluate the impact on all communications infrastructure and establish priorities for restoration of services. Coordinate with ESF #3 (Public Works) on the identification and designation of priorities for communication infrastructure restoration to ensure pre- and post-landfall event activities.
- i. Maintain an inventory and SOGs for operational communications systems
- j. Coordinate the allocation and deployment of emergency portable communication equipment and fixed communication system as needed in support of county agencies or organizations.
- k. Coordinate municipal mission requests in support of communications as directed by OEM.
- l. Develop and disseminate an overall Incident Communications Plan daily (or more often as warranted) which indicates radio frequencies to use, the most efficient means of communications, and communications issues identified during the incident. This shall be coordinated with the Planning and Information Section under NIMS.

B. Orange County Information Systems and Services Division (ISS Public Safety Radio Services

- 1. Radio Services unit of I.S.S. provides support services to all operating departments, constitutional officers, LYNX, OC School Board, various federal agencies, Orlando Utilities Commission (OUC) and other government municipalities in the area of wireless communications. The system provides critical radio communications to the Sheriff office, Fire Rescue, various municipal police and fire departments. The radio system infrastructure supports the dispatch of radio calls, including emergency calls received by the 9-1-1 call centers, and maintenance and support to all radio tower locations.

C. Orange County Information Systems and Services Division (ISS 911 Administration Services)

1. 911 Administration will coordinate information flow closely with ESF 2 to ensure that all life safety issues are addressed, and impacted areas can be prioritized and relayed based upon incoming phone communications.
2. 911 Administration will assist PSAP management in provisioning additional personnel and equipment to support 911 operations countywide based upon call volume utilizing local, state, regional, and federal resources.
3. Each Public Safety Answering Point (PSAP) is required to maintain an Emergency Operations Plan. Orange County 911 Administration maintains instructions for assisting PSAPs in re-routing 911 calls to alternate PSAPs.
4. 911 will re-route calls to a designated location in accordance with their Emergency Operations Plan.

D. Orange County Information Systems and Services Division (ISS 311 Call Center Services)

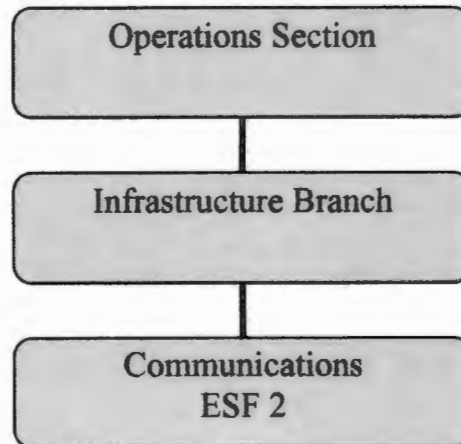
1. 311 will receive and disseminate disaster related information to inquiries made by phone, the internet, mobile app, and chat contact methods.. through coordination with ESF 15 (Volunteers & Donations) augment personnel as needed.

E. Orange County Information Systems and Services Division (ISS Telecommunications)

1. ISS Telecommunications supports voice communications infrastructure. This includes 22,750 phones providing local and long distance services, voice response, automated attendant, and voicemail system.
2. Coordinate the restoration of telephone and supplemental systems, and infrastructure network systems as well as the redirection of services to designated secondary facilities.
3. Maintain SOGs for operational communications systems.
4. Working with the primary agency, coordinate the allocation of information technology communication system and fixed communications systems.

F. Amateur Radio Emergency Service/Radio; Amateur Civil Emergency Service (ARES / RACES)

1. Provides auxiliary radio communications support primarily for the Orange County Office of Emergency Management but also for other emergency related services in Orange County Florida.
2. Identifies and maintains a list of local and regional amateur radio frequencies centered on Orange County Florida



III. Concept of Operations

A. General

1. In the event of a disaster requiring ESF #2 Communications resources, Orange County Office of Emergency Management will activate ESF #2.
2. The primary agency will report to the Planning and Information Section Chief (EOC Operations Desk Manager / EOC Supervisor) to coordinate response and recovery activities and resource needs.
3. ESF #2 will coordinate with all support and external agencies the field response needs as identified by the field unified command team and/or the area command. Additional resources and technical expertise will be coordinated through county, state, and federal organizations to augment local capabilities.
4. ESF #2 has identified that the Orange County Sheriff's Office and Orange County Fire Rescue have operational plans, instructions, and MOU's established to interoperate with non-Orange County entities. All agencies have local, State, and National mutual aid radio talk groups pre-programmed in radios and follow the State Interoperable Communications Plan (SCIP),

- Emergency Medical Services Communications Plan (EMSCP), and the State of Florida Region 9 Communications plan.
5. ESF #2 has identified that Orange County BCC has Inter-local agreements with Central Florida Regional Transportation Authority (LYNX), Orlando Utilities Commission (OUC), City of Orlando, University of Central Florida (UCF), and the Orange County School Board for radio communication's support. Various miscellaneous mutual aid communications exist using the Florida Interoperable Network (FIN), Region V VHF, a local PSAP channel connecting the various 911 dispatch channels in Orange County, and Fire Rescue mutual aid talk groups. All these services are available 24/7, 365.
 6. ESF #2 has identified that Region 5 of the Florida Regional Domestic Security Task Force (RDSTF) has established mutual aid talk groups for agencies to coordinate communication's efforts among the nine county region.
 7. ESF #2 has identified that local and regional entities have established Amateur radio frequencies for use in daily and emergency communications.
 8. ESF #2 ISS Telecommunications uses multi location Primary Rate Interface (PRI) trunk groups to the Public Switched Telephone Network.
 9. ESF #2 ISS Telecommunications provides phone network that is IP connected to the Orange County data network providing advantages for mobility, bandwidth, video and call conferencing, and computer integration.
 10. ESF2 #2 ISS Telecommunications maintains AT&T Crisis Link services which enables phone number re-route capability for 311 relocation.
 11. ESF #2 ISS Telecommunications provides each ESF with multiple provider telecommunication capability using the OC Enterprise phone system.

B. Notification

1. Upon notification of EOC activation, provide appropriate representation to the EOC.
2. Implement 24-hour staffing plans and based upon severity of the disaster consider pre-staging personnel and resources.
3. Maintain roster of all support and coordinating agency contact persons, make necessary notifications, activate support agencies as necessary, and maintain ongoing communications to support mission assignments.

4. Notify all support and coordinating agencies to place resources on stand by and activate emergency contracts with vendors.
5. Dispatch resources as needed including vehicles, personnel, and equipment.
6. Once personnel arrive at the emergency operations center, activate and log into electronic mission tracking system for ESF.
7. Any communications resources that may be needed in recovery should be removed from the potentially vulnerable areas to a staging area. Equipment accessible to ESF #2 agencies will be committed when evacuation or reentry of a designated area is authorized and other communications resources are not sufficient.
8. ESF #2 Radio Services support agency annually obtains radio communication requirements from supporting ESF agencies requesting their radio communications needs. The requirements list is activated by a requesting ESF, department, or agency at the time of an event. Radios are maintained by ISS Radio Services and distributed from the Radio Services Warehouse.
9. NOTE: Orange County Emergency Operations Center contracts with a vendor to provide notification/alert system identified as OCALERT. Orange County Emergency Management maintains the procedure, trained personnel, and issues the alerts for various hazards.

C. Mobilization

1. Assure that incident facilities and NIMS compliant reporting systems are established and maintained, review Standard Operating Guidelines (SOG).
2. Notify primary, support and coordinating agencies as to readiness and needs. Establish communication with field personnel, and obtain status reports, notify EOC as to the readiness of ESF.
3. Preposition assets and coordinate all communication resources to assure maximum support during recovery operations, including transport of essential goods and persons into the impacted area.

D. Response Phase

1. Assess immediate impact to public and private communications infrastructure and report results immediately to Planning and Information Section Chief.
2. Each agency with field personnel will conduct a situation/impact analysis of the impacted area and provide an evaluation of the

- area and the identification of resources needed to support response and recovery operations.
3. Inventories and locations of communications resources will be verified and provided to ESF #5 (Planning and Information).
 4. Coordination will be established with support agencies to prioritize and develop strategies for the initial response.
 5. Priorities will continually be reassessed to address the most critical communication needs and develop strategies.
 6. Communications resources, which are committed to specific missions, will be tracked for redeployment if necessary. Updated information will be provided to ESF #5 (Planning and Information).
 7. ESF #2 ISS will provide Information Technology (IT) technical support for portable communications vehicles dispatched by Orange County Fire Rescue upon deployment.
 8. ESF #2 ISS will provide IT support for computing devices and computer software designated for the Emergency Operations Center.
 9. ESF #2 ISS will provide and support a mobile Satellite Communications Vehicle upon deployment.
 10. ESF #2 Radio Services identifies local, state, and National Mutual aid portable radio channels for all devices. This establishes communications between designated field personnel and facilities. These radios and tactical channels are used daily and would be used in the event of an emergency.
 11. ESF #2 Radio Services will provide and support a self-sufficient mobile tactical Radio Communications Support Vehicle. This vehicle is assigned to Orange County and Region V (6 county assets). It is available at any time to support larger scale incidents to distribute and support radio communications.
 12. ESF #2 Radio Services will coordinate communication resources to accommodate the inter-operability needs of incoming mutual aid.
 13. ESF #2 311 will receive and disseminate disaster related information to inquiries made per phone, the internet, mobile app, and chat contact methods, through coordination with ESF 15 (Volunteers & Donations) augment personnel as needed.
 14. ESF #2 911 Administration will coordinate information flow closely with ESF #2 to ensure that all life safety issues are addressed, and impacted areas can be prioritized and relayed based upon incoming phone communications.
 15. The 911 system is programmed to automatically reroute overflow calls to alternate PSAPs, which could result in 911 calls being rerouted to PSAPs in other counties.

16. ESF #2 will assist in the provision of additional personnel and equipment to support 911 operations countywide based upon call volume utilizing local, state, regional, and federal resources.

E. Short Term Recovery Phase

1. Procedures initiating recovery and mitigation activities may occur simultaneously with the emergency response phase.
2. All Orange County primary, support, and coordinating agencies will conduct a comprehensive damage assessment of resources and facilities in compliance with the Federal Emergency Management Agency (FEMA) requirements. The primary and support agencies of this ESF will coordinate with the appropriate OCERT member where structural expertise is required to ensure the safety of all communications system. The damage assessment results will be reported to the primary agency.
3. The primary agency, in conjunction with the appropriate OCERT member, the (EOC Operations Desk Manager) / (EOC Supervisor) will prioritize infrastructure restoration priorities.
4. Coordinate ESF #2 status information with ESF #5 for distribution to ESFs in the EOC other responding organizations.
5. Contact all ESFs/ECOs for any communications requirements and ensure that all PSAP are operational including telephone and radio communications.
6. Prepare scheduling and staffing for support of operational facilities.
7. Coordinate the implementation of the comprehensive restoration plan with vendors for the reconstruction of towers and related communications equipment.

F. Mitigation Requirements

All Orange County primary, support, and coordinating agencies will incorporate the evaluation of mitigation initiatives (such as elevation of facility in flood zone area, hardening of critical facilities) during the damage assessment of resources and facilities. This evaluation should consider code requirements which may delay restoration efforts. The primary and support agencies of this ESF will evaluate alternatives for repairing and reconstructing infrastructure components to be more disaster resistant.

1. ESF #2 ISS operates and maintains a limited access, storm level3 data processing center identified as the Orange County Regional Data Center (RCC).
2. ESF #2 ISS has identified an alternate data recovery center for critical data processing at the Northwest Regional Data Center in Tallahassee Florida.

3. ESF #2 911 Administration maintains and provides an alternate operational capability identified at the Orange County Regional Computer Center and the Orange County Sheriff Administration building.
4. ESF #2 Radio Services Warehouse is capable of utilizing portable generator power in the event of a utility outage.
5. Orange County Emergency Operations Center contracts with a vendor to provide backup functionality for notification/alert system identified as OCFLALERT.
6. ESF #2 ISS Telecommunications uses multi location Primary Rate Interface (PRI) trunk groups for redundant connectivity to the Public Switched Telephone Network.
7. ESF #2 ISS Telecommunications uses redundant Avaya Enterprise Survivable Systems to provide services to 29 remote locations.

G. Demobilization

1. Each primary and support agency should assure that necessary operating facilities and reporting systems are deactivated and resources demobilized.
2. Notify the EOC of the ESF#2 status of incident facilities and resources.
3. Schedule debriefing session with all response personnel and monitor physical and mental health in the short term and long-term recovery process.
4. Conduct post event evaluation of response and recovery missions; update plans and procedures as necessary.

IV. Resource and Logistics Management - Tactical

A. Resource Management Policies

1. Under a state of emergency, all resources owned by the Board of County Commission can be deployed by the Primary or Support Agency responsible for these resources.
2. The cost of resource deployments is absorbed within existing budgets of each Department and appropriate documents for financial reimbursement must be maintained by each agency as detailed in the financial management section of the Basic Plan.
3. If a federal disaster declaration is issued, the eligible costs associated with response and recovery operations may be reimbursed through Federal Emergency Management Agency

reimbursement funds as detailed in the Financial Management Section of the Basic Plan.

4. Resource management objectives will incorporate the following: personnel, equipment, training and exercise, facilities, funding, expert knowledge, materials, and the time frames within which they will be needed; and quantity, response time, capability, limitations, cost, and liability connected with using the involved resources.
5. Mutual Aid: ESF #2 will coordinate for the provision of all mutual aid resources to requesting parties outside of the county upon direction of the Emergency Management Director in accordance with appropriate resource management procedure, available assets, and in accordance with the Statewide Mutual Aid Agreement.

B. Resource Typing

1. Inventory. The primary agency for ESF #2 and each support agency will maintain a current inventory of internal and external resources in compliance with NIMS resource typing standards. This will allow for the expeditious identification and procurement of external resources and assistance.

a) Personnel:

- (1) Information Systems and Services
 - Technician Support personnel
 - Administrative personnel
 - Inventory Personnel
- (2) Radio Services
 - Technical Support person
 - Administrative personnel
 - Inventory Personnel
- (3) 911 Services
 - Technician Support personnel
 - Administrative personnel
 -
 -
- (4) 311 Services
 - Administrative personnel
 - Emergency Call Takers
 - DOC Coordinators
 - Technician Support personnel

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(5) ARES/RACES volunteer operators

b) Equipment & Materials:

- Mobile Radio Support Communications Vehicle
- Mobile Satellite Communications Vehicle
- Voice Communications through landlines, cellular lines, and satellite
- Telecommunications Voice Over Internet Protocol (VOIP)
- ESATCOM, mobile satellite units
- (70) digital and Analog Phones for emergency replacement
- Phone switch hardware for emergency outages.
- Portable Radios: 800 MHz, UHF, VHF

Incident Facilities:

- 10 PSAPs (2 county facilities and 8 municipalities and 2 county disaster recovery facilities)
- Orange County Regional Computing Center
- Radio Services Operations Warehouse
-
- 311 Call Center facility (West 33rd Street)
- External / Contracted facilities
- Towers, central offices, telephone facilities

C. Training and Exercise

1. Training

- a) It is the responsibility of each agency to assess, develop, and implement a training program for all personnel assigned responsibilities in this ESF.
- b) It is the responsibility of each agency to coordinate and track compliance with NIMS related training. Orange County Human Resources department tracks the completion of all NIMS required training for Orange County employees.
- c) Each agency must ensure that sufficient personnel are trained to perform their assigned duty on a 24-hour basis and that all key positions have a depth of three persons.
- d) Training must be conducted for public, private, non-profit, and volunteer personnel.
- e) ESF2 #2 Radio Services provides drivers with CDL licenses to transport Mobile Radio Communications Support Vehicle.
- f) Amateur Radio Operators are licensed by the Federal Communications Commission.

- g) Orange County Emergency Operations Center contracts with a vendor to provide notification/alert system identified as OCALEART. Orange County Emergency Management maintains trained personnel, to issue alerts for various hazards.
- h) Attend and successfully complete training on NIMS/ICS components to understand the NIMS, its purpose, and how the ESF #2 (Communications) Unit fits into the overall structure.
- i) ISS Telecommunications personnel are required to have and maintain extensive expertise in multi-location Private Branch Exchange (PBX), administration of voice mail systems, Voice over Internet Protocol (IP), and Cisco Call Manager Express management.
- j) 911 Viper Call System is serviced only with AT&T and Intrado certified technicians.

2. Exercise

- a) In coordination with the Orange County Office of Emergency Management, the Primary agency will annually participate in at least one HSEEP compliant drill or exercise to test response and/or recovery responsibilities related to this ESF.
- b) Each ESF will assist in the development, review, and program enhancements outlined in the HSEEP compliant post exercise improvement plan.
- c) Orange County regularly utilizes all communication systems.

D. Vendor Agreements/MOU/MOA

ISS maintains a hardcopy and electronic list of critical vendors utilized by primary and support agencies of ESF #2. Emergency Response books in the EOC, maintained by ESF #2, contain the vendor list for reference and detail vendor information. These are also located electronically in the ESF #2 folder of E-Team system and ISS shared folders.

- a) The Avaya OC Enterprise Phone System is monitored for trouble 24/7/365 by Avaya under a 3 year maintenance agreement.
- b) Centurion is contracted to support software applications for the Voice Response System.
- c) Orange County Emergency Operations Center contracts with a vendor to provide notification/alert system identified as OCALEART.

- d) Orange County has local, State, and National mutual aid radio talk groups programmed in radios and the organization participates in the State Interoperable Communications Plan (SCIP), Emergency Medical Services Communications Plan (EMSCP), and the State of Florida Region 9 Communications plan.
- e)

V. References / Authorities

- A. Each Orange County Office of Emergency Management Primary and Support Agency is required to develop, coordinate, and implement operational procedures to support their assigned responsibilities. All operations will be conducted under the National Incident Management System and are written using a nationally accepted format. The following agencies have listed their policies and procedures:
 - 1. ISS Information Systems and Services.
 - a. ISS Disaster Recovery Plan
 - b. Alternate Facilities
 - c. Polycom Audio-Video Conferencing Instructions
 - d. EOC Executive Conference Room
 - e. Avaya Audio Conference and Call-Out Systems
 - f. Audio Conferencing
 - g. Emergency Update Mailbox (Direct Inward Dialing)
 - h. Deploying the Satellite Trailer
 - 2. 911 Administration
 - a) PSAP Speed Dial Contacts

Emergency Support Function #3: Public Works

Primary Agency: Orange County Public Works Department

Support Agencies: Environmental Protection Division
Fire Rescue Department
Fleet Management Division
Information Systems and Services Division
Orange County Building Division
Orange County Utilities Department
Purchasing and Contracts Division
Sheriffs Office
Parks and Recreation Division
Orange County Code Enforcement Division

Coordinating Organizations:

Facilities Management Division	City of Apopka
Property Appraiser Office	City of Bay Lake
Reedy Creek Water Control District	City of Belle Isle
Ranger Water Control District	City of Eatonville
Valencia Water Control District	City of Edgewood
South Florida Water Management District	City of Lake Buena Vista
St. Johns Water Management District	City of Maitland
Florida Department of Transportation	City of Oakland
Florida Department of Environmental Protection	City of Ocoee
Orlando Utilities Commission	City of Orlando
Orange County Utilities Department	City of Windermere
Florida Power Corporation	City of Winter Garden
TECO People's Gas	City of Winter Park
Lake Apopka Natural Gas	
Florida Gas Transmission	

I. Introduction

A. Purpose & Scope

The purpose of this Emergency Support Function (ESF) #3 is to provide Public Works assistance in life-saving support or disaster relief through engineering services, technical evaluation, inspection, roadway and drainage infrastructure evaluation, debris removal and disposal, restoration of transportation facilities, and flood control associated with a disaster.

B. Policies

1. Working in close coordination with ESF #19, prioritize impacted areas based upon impact assessment data.
2. Coordinate debris removal on essential transportation routes, public property, waterways, and critical public facilities including emergency clearance (first push), permanent removal, staging, processing, disposal, and debris monitoring of all debris from public property.
3. Emergency demolition or stabilization of damaged County roadway and drainage infrastructure designated by State or local government as immediate hazards to public health and safety, or as necessary to facilitate the accomplishment of lifesaving operations.
4. Prioritize and implement temporary emergency roadway and drainage structural repairs at vital public facilities, county roads, bridges, and drainage systems and other vital infrastructure components.
5. Ensuring open traffic corridors for the safe and efficient movement of emergency vehicles or for evacuation and reentry of threatened populations.

C. Planning Assumptions / Limitations / Resource Limitations

1. All County Public Works assets under the control of the Board of County Commissioners shall be made available to ESF #3 upon implementation of the Comprehensive Emergency Management Plan (CEMP).
2. The response of the County's Public Works resources must be incorporated into countywide and department specific emergency plans, as their operations and expertise will be necessary to ensure the safety of the County's responders and restoration of public services.
3. Depending on the extent of the disaster, the need for Public Works services may be greater than the county's capacity. If this is the case, the county will look to municipal, regional, state, and federal resources as well as private contractors.
4. Access to affected areas depends on the rapid and secure establishment of ground and/or water routes, with emergency roadway clearing and repair to ensure rapid response of emergency personnel.
5. Standard communication equipment and practices will be disrupted or destroyed.
6. Rapid damage assessment of the disaster area will be necessary to identify target areas and potential workloads.
7. Emergency environmental waivers and legal clearance may be needed for disposal of materials from debris clearance and demolition activities.
8. Support services for all personnel and equipment may have to be provided from outside the disaster area.

II. Organization and Responsibilities

This section identifies the responsibilities for each primary, support, and coordinating agency. Procedures, checklists, and job aids for implementing these responsibilities should be detailed in agency specific Standard Operating Procedures / Guidelines.

A. Orange County Public Works Department

The primary agency of ESF #3 serves as the Public Works Unit Leader under the Logistics Section. This Unit reports directly to the Logistics Section Chief (EOC Operations Desk Manager) / (EOC Supervisor).

1. Lines of Succession

The following is the line of succession of individuals with responsibility for coordination, control, and continuity of ESF #3 during an emergency: See Continuity of Government (COG)

2. EOC Representative

The Director of Orange County Public Works Department or designee is designated as the primary contact and shall staff the Emergency Operations Center (EOC) upon notification and ensure 24-hour staffing coverage.

3. The Primary Agency's ESF Coordinators

This individual will prioritize missions in coordination with the Logistics Section Chief (EOC Operations Desk Manager) / EOC Supervisor) based on life safety, incident stabilization and protection of property for the response to and recovery from the consequences of identified hazards. This individual also has the following responsibilities:

- a. Annually, review and update Standard Operating Procedures/Guidelines, train all personnel to fulfill their assigned responsibilities in accordance with their Standard Operating Procedures/Guidelines and the National Incident Management System.
- b. Either once every four years or upon request of the Emergency Management Director, review this ESF Annex and forward revisions to the Orange County Office of Emergency Management.
- c. Maintain a roster of all support agency contact persons, make necessary notifications, activate support agencies as necessary, and maintain ongoing communications to support mission assignments.
- d. Prioritize missions in coordination with other OCERT members based on life safety and protection of property and in compliance with the Incident Action Plan.

- e. Coordinate mutual aid and private contractor resource needs through the proper resource request procedure and maintain documentation for financial reimbursement once local resource capabilities have been exhausted. (*See resource management section.*)
- f. Coordinate for the provision of all mutual aid resources to requesting parties outside of the county upon direction of the Emergency Management Director in accordance with appropriate resource request procedure and available assets.
- g. Train all staff responsible for implementing the plan on standard operating procedures.
- h. Coordinate impact assessment for all county roadway and drainage infrastructure and debris immediately following a large scale disaster in order to prioritize the impacted areas and resource needs.
- i. Provide a staff representative on the aerial assessment to collect data utilizing pre-established forms and process. Additional staff on the aerial survey will be identified at the time of the disaster by the Emergency Management Director.
- j. Assist in logistics of assembly areas for mutual aid crews and contractors to include staffing, resources, communications, and signage.
- k. Coordinate emergency debris removal (first push) on essential transportation routes based on pre-established priorities and based upon priorities identified during the impact assessment. Mission may be accomplished utilizing local, mutual aid, and private vendor resources.
- l. Prioritize and implement temporary clearing, repair, or construction of emergency access routes which include damaged streets, county roads, bridges, waterways, and drainage systems.
- m. Provide support to municipalities and hospitals in emergency repairs of vital facilities through the mutual aid process.
- n. Determine debris management sites and coordinate identification and management of these sites with the contractors.
- o. Identify unsafe roadway and drainage infrastructure and coordinate signage and closure with appropriate agencies.
- p. Coordinate with utility companies to ensure the safety of emergency work crews and an efficient coordinated response effort.

B. Environmental Protection Division

- 1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
- 2. Provide guidance and assistance in the storage and control of hazardous materials.

C. Fire Rescue Department

- 1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.

2. Identify inaccessible routes for debris clearing in order to allow access by emergency response vehicles.
3. Provide emergency response personnel and equipment as needed to assist the Public Works effort.

D. Fleet Management Division

1. Maintain and service all equipment used during the emergency response, including major maintenance, upkeep, and refueling.
2. Provide fuel for emergency vehicles, as needed.

E. Roads and Drainage Division

1. Clear roadways identified as a secondary priority and update the roadway-clearing plan from assessment reports.

F. Information Systems and Services Division

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
2. Insure communications systems, i.e., radios, cellular phones, fax lines, OA system, are operating immediately after an emergency event (ESF #2).
3. Reallocate communications equipment for disaster response as needed.

G. Orange County Building Division

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
2. Provide expert personnel to evaluate the integrity of both public and privately owned buildings and their environmental systems.
3. Provide information to the Primary Agency concerning construction of replacement structures.

H. Orange County Public Utilities Department

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
2. Plan, locate, and coordinate the opening and closing of landfills.
3. Operate landfills.
4. Provide equipment, as needed, to landfill.
5. Inform the Public Works Department as to the status of each landfill collection site and the types of waste that can be placed in each site.
6. Provide fuel to the Public Works Department emergency responders, if necessary.

I. Parks and Recreation Division

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
2. Identify land for use as holding, staging, and debris storage areas.
3. Provide personnel and equipment to assist with debris removal and other restoration activities.

J. Purchasing and Contracts Division

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
2. Prepare contracts prior to a disaster/emergency in order to issue emergency purchase orders requesting necessary supplies and materials, debris removal and hauling, and rental equipment.

K. Sheriffs Office

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
2. Provide air support resources for the aerial survey post impact.
3. Provide security at mutual aid assembly area and debris management sites upon request of primary agency.
4. Provide enforcement and control in problem areas and direct traffic along evacuation routes.

L. Facilities Management Division

1. Provide materials and assistance to the OCEOC post event.

M. Orange County Property Appraiser's Office

1. As the Primary Agency for ESF #17, The Property Appraiser's Office may request assistance from Public Works Department to conduct damage assessment.

N. Orange County Code Enforcement Division

1. Assist ESF #3 in monitoring debris management and enforcing illegal dumping.

O. Water Control Districts

1. Coordinate flood control and operation of the primary drainage systems.
2. Reduce the impact of flooding pre- and post-disaster.
3. Coordinate restoration of primary drainage systems and assist in the restoration of secondary drainage relief systems.
4. Coordinate with the Public Works Department to allow the Department to quickly respond to the relief of any flooding problems.

5. Coordinate flood control systems to divert water before and after a storm event.
6. Provide guidance and expertise in flood control to Public Works Department personnel.

P. Water Management Districts

1. Coordinate with county emergency management personnel to identify and correct flooding problems.
2. Waive elements of permit requirements on a case-by-case basis to allow more immediate response and correction of flooding problems.

Q. Florida Department of Transportation (FDOT)

1. Provide oversight and coordination with the primary agency on the movement of traffic and pedestrians from the scene of the disaster, including opening and maintaining dedicated evacuation routes.
2. Prioritize and conduct road clearance of FDOT roadways.
3. Conduct damage and repair assessments to the State's network of public roadways, waterways, tunnels, and bridges and manage and be responsible for reconstruction of any of these systems.
4. Conduct damage assessments of public vehicular and pedestrian thoroughfares and prepare to prioritize repairs.
5. Provide various equipment from FDOT inventory where required and provide necessary personnel.
6. Coordinate the FHWA process

R. Florida Department of Environmental Protection

1. Coordinate any environmental issues with the Public Works personnel. This includes securing necessary emergency environmental waivers and legal clearances.

S. Progress Energy and Orlando Utilities Commission

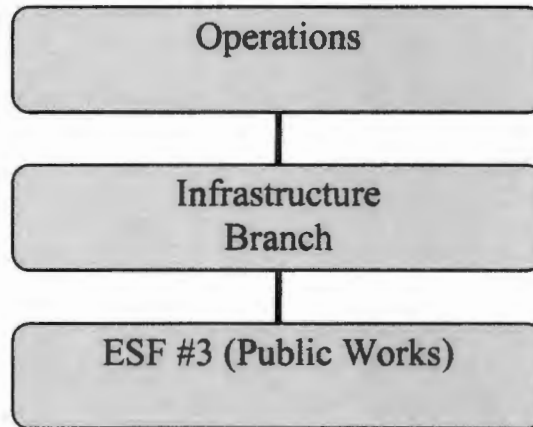
1. Coordinate with the Public Works Department to identify energized areas and identify when power is going to be re-energized.
2. Coordinate efforts to clear roadways blocked by downed power lines.

T. TECO People's Gas, Lake Apopka Natural Gas, and Florida Gas Transmission

1. Coordinate with the Public Works Department regarding concerns with gas lines in the vicinity of routes being cleared.

U. City Governments within Orange County

1. Coordinate road clearance priorities and needs in accordance with Mutual Aid Agreements.



III. Concept of Operations

A. General

1. ESF #3 will coordinate between Federal, State and local agencies to restore access into the disaster area, provide damage assessment information, and direct the rehabilitation of transportation and drainage infrastructures.
2. The Orange County Public Works Department consists of six (6) divisions, Engineering Design, Development Engineering, Highway Construction, Roads and Drainage, Traffic Engineering and Fiscal and Operational Support.
3. Resources from the various departments will be assigned to various sectors based on information and planned assignments, as needed.

B. Notification

1. Upon notification of EOC activation, provide appropriate representation to the OCEOC.
2. Implement 24-hour staffing plans and based upon severity of the disaster consider pre-staging personnel and resources.
3. Maintain roster of all support and coordinating agency contact persons, make necessary notifications, activate support agencies as necessary, and maintain ongoing communications to support mission assignments.
4. Notify all disaster recovery contractors to place resources on stand by.
5. Dispatch resources as needed including vehicles, personnel, and equipment.

6. Once personnel arrive at the emergency operations center, activate and log into E-TEAM.

C. Mobilization

1. Assure that incident facilities and NIMS compliant reporting systems are established and maintained, review Standard Operating Procedures (SOP).
2. Establish communication with field personnel, and obtain status reports, notify OCEOC as to the readiness of ESF.
3. Preposition assets and coordinate all Public Works support resources to assure maximum support during recovery operations, including transport of essential equipment and persons into the impacted area.
4. Review priorities established for roadway corridors, debris removal and repair.
5. Check Traffic control devices, stormwater/drainage facilities for operation.
6. Ensure all pump stations and drainwells are operational.

D. Response Phase

1. Public Works Department personnel will conduct situation/impact analysis of the affected area, provide an evaluation and identify resources needed to support response and recovery operations.
2. The clearing, repair, stabilization, or reconstruction of roadway and drainage infrastructure will be prioritized based on the review of the damage assessments.
3. Conduct emergency debris removal efforts focused on clearing major transportation routes to allow for the movement of emergency vehicles, traffic, and emergency resources, supplies, equipment, and personnel into affected areas in coordination with FDOT, support agencies, local governments, and utility providers. After major transportation routes have been cleared, debris will then be removed from collector roadways and county roadways.
4. Process debris to minimize the impacts on remaining landfill capacity, and evaluate the use of alternative means of disposal whenever possible.
5. Debris from the construction or demolition of structures should be separated and disposed of accordingly.
6. Identify flood and stormwater damages; prioritize, and commit resources to open drainage restrictions.
7. Assess and provide temporary restoration of traffic control devices.
8. Provide construction equipment as needed for field operations.

E. Short Term Recovery Phase

1. Procedures initiating recovery and mitigation activities may occur simultaneously with the emergency response phase.
2. All Orange County primary, support, and coordinating agencies will conduct a comprehensive damage assessment of resources and facilities in compliance with the Federal Emergency Management Agency (FEMA) requirements. The damage assessment results will be reported to the primary agency. Damage Assessment will be conducted in areas related to responsibilities in this ESF #3. Damage assessment will be transmitted through the ESF #3 desk at the OCEOC to the ESF #19 desk.
3. The primary agency will prioritize roadway and drainage infrastructure restoration priorities to include debris removal from critical transportation system and emergency restoration efforts.
4. Coordinate ESF #3 status information with ESF #5 for distribution to ESFs in the OCEOC and other responding organizations.

F. Mitigation Requirements

1. All Orange County primary agencies will incorporate the evaluation of mitigation initiatives during the damage assessment of resources and facilities.
2. The primary agencies of this ESF #3 will evaluate alternatives for repairing and reconstructing roadway and drainage infrastructure components to be more disaster resistant and may provide technical assistance to all requesting county organizations.

G. Demobilization

1. Each primary and support agency should assure that necessary operating facilities and reporting systems are deactivated and resources demobilized.
2. Notify the EOC of the ESF#3 status of incident facilities and resources.
3. Schedule debriefing session with all response personnel and monitor physical and mental health in the short term and long-term recovery process.
4. Conduct post event evaluation of response and recovery missions; update plans and procedures as necessary.

IV. Resource and Logistics Management

A. Resource Management Policies

1. Under a state of emergency, all resources owned by the Board of County Commission can be deployed by the Primary or Support Agency responsible for these resources.
2. The cost of resource deployments is absorbed within existing budgets of each Department and appropriate documents for financial reimbursement must be maintained by each agency as detailed in the financial management section of the Basic Plan.
3. If a federal disaster declaration is issued, the eligible costs associated with response and recovery operations may be reimbursed through Federal Emergency Management Agency reimbursement funds as detailed in the Financial Management Section of the Basic Plan.
4. Resource management objectives will incorporate the following: personnel, equipment, training and exercise, facilities, funding, expert knowledge, materials, and the time frames within which they will be needed; and quantity, response time, capability, limitations, cost, and liability connected with using the involved resources.
5. Mutual Aid: ESF #3 will coordinate for the provision of all mutual aid resources to requesting parties outside of the county in accordance with appropriate resource management procedure, available assets, and in accordance with the Statewide Mutual Aid Agreement.

B. Resource Typing

1. Coordinate mutual aid and contractual vendors in support of debris removal including assembly areas, assignments, and financial tracking.
 - a) Resource needs include: heavy construction equipment, generators, pumps, tools, lighting supplies, material, and labor may be drawn from municipal resources, existing mutual aid or vendor agreements, or through emergency contracts. Large numbers of skilled personnel, engineers, construction workers, equipment operators, etc., with construction equipment and materials will be needed from outside the disaster area.
2. Inventory. The primary agency for ESF #3 and each support agency will maintain a current inventory of internal and external resources in compliance with NIMS resource typing standards. This will allow for the expeditious identification and procurement of external resources and assistance.
 - a) Personnel:
 - (1) Debris Management Monitoring Team (Contracted)
 - (2) Debris Management Oversight Team

- (3) Disaster Response/Assessment Team
- (4) Contractual Services
- (5) Engineering Services

- b) **Equipment & Materials:** Ability to supply, support, and maintain an inventory of varying equipment specialties in providing Public Works support in life-saving support or disaster relief involved with recovery operations, i.e., Concrete Cutter, Backhoe Loader, Dump Trucks, Buckets, Broom, Rake, Asphalt Cutter, Generators. Ensure all vehicles and equipment is properly maintained and available for use during an emergency.
- c) **Incident Facilities:** Transportation facilities, fueling sites, staging areas, debris monitoring sites, logistical support bases.

Equipment Examples:

Backhoe Loader
Dump Truck-On Road
Flat Bed Trailer Truck (one type/example only)
Generators
Hydraulic Excavator (Medium Mass Excavation 4 cy to 1.75 cy buckets)
Hydraulic Truck Cranes
Lattice Truck Cranes
Track Dozer
Tractor Trailer (Example Only)
Water Truck (example only) Wheel Dozer
Wheel Loaders (Medium 7 cy to 3 cy)
Wheel Loaders (Small 7 cy to 2 cy)

C. Training and Exercise

1. Training

- a) It is the responsibility of each agency to assess, develop, and implement a training program for all personnel assigned responsibilities in this ESF.
- b) It is the responsibility of each agency to coordinate and track compliance with NIMS related training.
- c) Each agency must ensure that sufficient personnel are trained to perform their assigned duty on a 24-hour basis and that all key positions have a depth of three persons.
- d) Training must be conducted for all personnel.

2. Exercise

- a) In coordination with the Orange County Office of Emergency Management, the Primary agency will annually participate in at least one HSEEP compliant drill or exercise to test response and/or recovery responsibilities related to this ESF.
- b) Each ESF will assist in the development, review, and program enhancements outlined in the HSEEP compliant post exercise improvement plan.

D. Vendor Contracts

1. Disaster Debris Removal Contract
2. Disaster Debris Monitoring Contract

V. References / Authorities

Each Orange County Office of Emergency Management Primary and Support Agency is required to develop, coordinate, and implement operational procedures to support their assigned responsibilities. All operations will be conducted under the National Incident Management System and are written using a nationally accepted format.

1. Damage Assessment Procedures 2007
2. EOC to decide what they would like here, basic policy and FEMA guidelines
3. Federal Emergency Management Agency
4. Water Management Districts
5. Florida Department of Environmental Protection
6. Federal Highway Administration
7. Florida Department of Transportation
8. US Environmental Protection Agency

Emergency Support Function # 4 – Firefighting & EMS Annex

ESF Coordinator:

- Assigned Orange County Fire Rescue Member

Primary Agency:

- Orange County Fire Rescue Department

Support Agencies:

- Public Utilities Department
- Public Works Department

Coordinating Organizations:

- Orlando Fire Department
- Maitland Fire Department
- Reedy Creek Fire Department
- Winter Garden Fire Department
- Apopka Fire Department
- GOAA Fire Department
- Ocoee Fire Department
- Winter Park Fire Department
- Florida Fire Chief's Association (FFCA)

INTRODUCTION

Purpose

Emergency Support Function (ESF) #4 *Firefighting* - provides resource for the detection and suppression of urban, rural, and wildland fires resulting from, or occurring coincidentally with a disaster and/or emergency.

Scope

ESF #4 manages the coordination of resources required for firefighting activities, including detection and suppression of fires; and, provides personnel, equipment, and supplies to support urban, rural, and wildland firefighting operations.

Policies

Priority is given to 1) life safety, and, 2) protection of property and the environment.

Emergency Support Function # 4 – Firefighting & EMS Annex

- a. Adhere to Orange County Fire Rescue Standard Operating Procedure (SOP) and Emergency Operating Procedure (EOP) – or to jurisdictional policies and procedures.
- b. Mobilize; manage the coordination of personnel, equipment, and supplies in the detection and suppression of fires.
- c. Provide for the safety and health of all emergency personnel by providing logistical support, food, shelter, and medical care. (ESF #4 will interface with ESF #6 – Mass Care for shelter and ESF #11 for food and water demands).
- d. Coordinate activities of the County and Municipal fire rescue resources during a disaster for accomplishing incident objectives.
- e. Establish staging area(s) and logistical support base(s) for mutual aid resources in coordination with all first response fire agencies.
- f. Regulate the ban of open fires in vulnerable areas as prescribed by the Florida Forest Service.
- g. Order the evacuation of areas threatened by fire hazards after reference with the primary jurisdiction(s) and coordinates the degree of evacuation set forth by the Emergency Operations Center.

Planning Assumptions / Resource Limitations * / Limitations **

- a. All County Fire Rescue assets under the control of the Board of County Commissioners shall be made available to ESF #4 upon the implementation of the Comprehensive Emergency Management Plan (CEMP).
- b. Coordinate with Municipalities to identify and commit locally available firefighting resources. *
- c. Damaged areas shall be restricted and not readily accessible, except in some cases by air. **

CONCEPT OF OPERATIONS

General

- a. Orange County Fire Rescue (ESF #4) will be the primary agency and will coordinate resources in the detection, suppression, and mitigation of fire incidents.
- b. Orange County Fire Rescue will provide personnel on a 24-hour basis when the County's Emergency Operations Center is fully activated, and will ensure deployment and utilization of resources identified within the scope of ESF #4 responsibilities.

Notification

- a. The County's Warning Point will notify the OEM Duty Officer and Senior Duty Officer for the Orange County Fire Rescue of any impending or actual emergency.

Emergency Support Function # 4 – Firefighting & EMS Annex

He/She will in turn notify the Fire Chief. The Fire Chief or designee will provide notification to all Fire Rescue Department Staff.

- b. Upon notification of an Emergency Operations Center (EOC) activation, the Emergency Operations Center Manager will provide appropriate representation to the Emergency Center through 24-hour staffing plans based upon the severity of the disaster. This will include the need to request continuous staffing for ESF #4.
- c. The EOC Manager or representative will maintain a roster of all support and coordinating agency contact persons; activate support agencies as necessary, and maintain ongoing communications with coordination to support the mission of ESF #4.
- d. The EOC Manager or representative will notify all support and coordinating agencies to place resources on standby and activate emergency contracts with vendors.
- e. When personnel arrive at the Emergency Operations Center, activate, and log into electronic mission tracking system for ESF #4.
- f. Contact the Florida Fire Chiefs' Association Disaster Response Plan Coordinator through consultation with the Orange County Fire Chief to confirm resource availability for possible deployment.

ACTIONS

Mobilization

- a. Assure that incident facilities and NIMS compliant reporting systems are established and maintained; review all Standard Operating Procedures and Emergency Operating Procedures.
- b. Orange County Fire Rescue's Fire Operation Center (FOC) will be activated in conjunction with ESF #4 activation.
- c. Notify primary, support, and coordinating agencies as to readiness and requests. Establish coordinated communication with field personnel through the FOC, obtain status reports, and notify Orange County's Emergency Operations Center as to the readiness of ESF #4.
- d. Preposition assets and coordinate all ESF #4 support resources to assure maximum support during recovery operations, including transport of essential goods and persons into the impacted area.
- e. Identify resources and dispatch as necessary. This may include the pre-positioning of resources out of the danger area.

Response Phase

- a. Each agency with field personnel will conduct situation/impact analysis of the impacted area and provide an evaluation to ESF #4 of the impact and the identification of resources needed to support response and recovery operations.
- b. Local resources are committed through coordination with other support agencies. Equipment accessible to ESF #4 agencies will be committed when evacuation of, or

Emergency Support Function # 4 – Firefighting & EMS Annex

reentry to a designated area is authorized and respective jurisdictional fire service resources are not sufficient to respond.

- c. Firefighting forces are assigned as necessary for incident control and area coverage and in compliance with Incident Action Plan objectives to identify, contain, and stabilize fire hazards.
- d. Communications are maintained with support agencies to ensure resource procurement.
- e. Priorities will be continually reassessed to address the most critical fire service needs and the development of strategies to meet them in coordination with field- command.

Short Term Recovery Phase

- a. Procedures initiating recovery and mitigation activities may occur simultaneously with the emergency response phase.
- b. Orange County primary, support, and coordinating agencies will conduct a comprehensive damage assessment of resources and facilities in compliance with jurisdictional conformity and aligned State with the Federal documentation requirements. The primary and support agencies of ESF #4 will coordinate with the appropriate OCERT member where structural expertise is required to ensure the safety of all employees. The damage assessment results will be reported to the Orange County Fire Rescue FOC.
- c. Coordinate ESF #4 status information with ESF #5 – Emergency Management - for distribution to ESFs in the Orange County Emergency Operations Center and other responding organizations.

Mitigation Requirements

Orange County's primary, support, and coordinating agencies will incorporate the evaluation of mitigation initiatives during the damage assessment of resources and facilities. The primary and support agencies of ESF #4 will coordinate with ESF #3 – Public Work & Engineering - to evaluate alternates for repairing and reconstructing infrastructure components to be more disaster resistant.

Demobilization

- a. Each primary and support agency should assure that necessary operating facilities and reporting systems are deactivated and resources demobilized.
- b. Notify the Emergency Operations Center of ESF #4 status of incident facilities and resources.
- c. Schedule debriefing session with all response personnel and monitor physical and mental health in the short term and long-term recovery process.
- d. Conduct post event evaluation of response and recovery missions; update plans and procedures as necessary.

Emergency Support Function # 4 – Firefighting & EMS Annex

PRIMARY ORGANIZATION – ORANGE COUNTY FIRE RESCUE

This section identifies the responsibilities for each primary, support, and coordinating agency. Procedures, checklist, and job aids for implementing these responsibilities should be detailed within the respective agency's Standard Operating Procedures and Emergency Operating Procedures.

I. Orange County Fire Rescue Department

- a. The Orange County Fire Rescue Department (OCFRD) serves as the primary agency for ESF #4. ESF #4 serves as the Firefighting and EMS Unit Leader, and reports directly to the Operations Section Chief (EOC Operations Desk Manager). ESF #4 collects jurisdictional information through communication with the respective fire agency Fire Operation Centers (FOC).

II. Lines of Succession

- a. The following line of succession of individuals with responsibility for the coordination, control, and continuity of ESF #4 during an emergency is as follows: ESF #4 < ESF #9. The Unit Leader position is assigned by the Fire Chief or designee.

III. Emergency Operations Center Representative

- a. The OCFRD Fire Chief is designated as the primary contact. The Fire Chief or designee shall staff the Emergency Operations Center (EOC), upon notification and will ensure 24-hour staffing coverage is sustainable.
- b. It is the Fire Chief or designee's responsibility to coordinate with the Florida Forestry Service.

IV. OCFRD ESF Coordinator

- a. This assignment will prioritize missions in coordination with the Operations Section Chief or EOC Operations Manager based on life safety, incident stabilization, and protection of property for the Disaster Response to and Recover from the consequences of an identified hazard. The assigned individual shall have responsibilities to which include:
 - 1. Annually review and update positional procedures, train personnel to fulfill assigned responsibilities in accordance with their Standard Operating Procedures and the National Incident Management System.
 - 2. Either once every (4) four years, or upon request of the Emergency Management Director, review the ESF #4 Annex and forward revisions to the Orange County Office of Emergency Management.

V. Primary - OCFRD - General Responsibilities

- a. Depending on the scope of the incident, the Emergency Operations Center may staff the Operations Section and/or Fire Emergency Branch. The Emergency

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Operations Manager, or Fire Chief, or designee will ensure the adequate staffing of those positions as well as the coordinated field firefighting operations required to fulfill the mission of the Incident Action Plan.

- b. All Field Operations Incident Commander(s) will mitigate an emergency as described in Orange County Fire Rescue's Standing Operating Procedure and Emergency Operating Procedures. They will provide command and control of the incident, request resources, and personnel as needed to ensure the successful outcome of fire related hazards.
- c. Field Incident Commander(s) will provide vertical communications to the Fire Emergency Branch – if staffed – or the Operations Section.

SUPPORTING AGENCIES

I. Orange County Public Utilities Department

- a. Upon notification, Utilities will provide representation at the Orange County Emergency Operations Center, and ensure 24-hour staffing.
- b. Provide for water system repair operations as needed to support all firefighting operations.

II. Orange County Public Works Department

- a. Upon notification provide representation at the Orange County Emergency Operations Center, and ensure 24-hour staffing.
- b. Provide Heavy Equipment as requested to support all firefighting operations.

COORDINATING ORGANIZATIONS

The Orange County Fire Rescue Department will rely on fire fighting resources including personnel, equipment, and supplies from the municipal fire departments, per mutual aid agreements, (this agreement will continue in perpetuity until cancelled) within Orange County to include:

- 1. Maitland Fire Department
- 2. Ocoee Fire Department
- 3. Orlando Fire Department
- 4. Reedy Creek Fire Department
- 5. Winter Garden Fire Department
- 6. Winter Park Fire Department
- 7. Apopka Fire Department
- 8. Greater Orlando Aviation Authority Fire Department (GOAA)
- 9. Florida Fire Chief's Association (FFCA)

As a support agency of ESF #4, the FFCA will work with the Department of Insurance, State Fire Marshal's Office by forwarding requests for firefighting assistance to the seven

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regional response zones designated in the State of Florida State Emergency Response Plan (prepared by the FFCA).

RESOURCE & LOGISTICAL MANAGEMENT

Resource Management Policies

- a. Under a state of emergency, all resources owned by the Board of County Commission can be mobilized by the Primary or Support Agency responsible for these resources.
- b. The cost of resource mobilization is absorbed within existing budgets of each Department and appropriate documents for financial reimbursement must be maintained by each agency as detailed in the financial management section of the Basic Plan.
- c. If a federal disaster declaration is issued, the eligible costs associated with response and recovery operations may be reimbursed through Federal Emergency Management Agency reimbursement funds as detailed in the Financial Management Section of the Basic Plan.
- d. Resource management objectives will incorporate the following: personnel, equipment, training, and exercise, facilities, funding, expert knowledge, materials, and the periods within which it will be needed; and, quantity, response time, capability, limitations, cost, and liability connected with the use of all involved resources.
- e. Mutual Aid: ESF #4 will coordinate for the provision of all mutual aid resources to requesting parties outside of the county upon direction of the Emergency Management Manager in accordance with appropriate resource management procedure, available assets, and in accordance with the Statewide Mutual Aid Agreement and the Florida Fire Chief's Association Fire Rescue Disaster Response Plan.

Resource Typing

- a. Inventory - The primary agency for ESF #4 and each support agency will maintain a current inventory of internal and external resources in compliance with NIMS resource typing standards. This will allow for the expeditious identification and procurement of external resources and assistance.
- b. Personnel - Area Command Team, Firefighting Brush Patrol, Firefighting (Type VI Engine,) Crew Transport (Firefighting Crew) Engine, Incident Management Team, Firefighting, Interagency Buying Team, Firefighting, Mobile Communications Unit.

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- c. Equipment & Materials - Fire (Pumper), Fire Boat, Fire Truck - Aerial (Ladder or Platform, Foam Tender, Firefighting, Fuel Tender (Gasoline, Diesel, AvGas, aka Gas Tanker), Hand Crew, Portable Pump, Strike Team, Engine (Fire) Water Tender, Firefighting (Tanker)

Training and Exercise

I. Training

- a. It is the responsibility of each agency to assess, develop, and implement a training program for all personnel assigned responsibilities for this ESF #4 function.
- b. It is the responsibility of each agency to coordinate and track compliance with NIMS related training.
- c. Each agency must ensure that sufficient personnel are trained to perform their assigned duty on a 24-hour basis and that all key positions have a depth of three persons.
- d. Training must be conducted for public, private, nonprofit, and volunteer personnel.

II. Exercise

- a. In coordination with the Orange County Office of Emergency Management, the Primary agency will annually participate in at least one HSEEP compliant drill or exercise to test response and/or recovery responsibilities related to this ESF.
- b. Each ESF will assist in the development, review, and program enhancements outlined in the HSEEP compliant post exercise improvement plan.

REFERENCES / AUTHORITIES

Each Orange County Office of Emergency Management Primary and Support Agency is required to develop, coordinate, and implement operational procedures to support their assigned responsibilities. All operations will be conducted under the National Incident Management System and are written using a nationally accepted format. The following agencies have listed their policies and procedures:

- A. Florida Fire Chief's Association Fire Rescue Disaster Response Plan.
- B. Orange County Fire Rescue - Department Rules, Standard Operating Procedures, and Emergency Operating Procedures.
- C. Florida Fire Chiefs' Association - Statewide Emergency Response Plan.
- D. Orange County Fire Rescue - SOP Ops 31 - Safe Vehicle Operations.
- E. Orange County Fire Rescue - SOP Ops 24- Post Incident Analysis.
- F. Orange County Fire Rescue - SOP EOP 34 - Helicopter Response.
- G. Orange County Fire Rescue - SOP Ops 12 - State Fire Marshal and Officer of the Fire Marshal Investigator Liaison Notification.
- H. Orange County Fire Rescue - SOP EOP 1 - Glossary of Terms for OCFRD NIMS.
- I. Orange County Fire Rescue - SOP EOP 2 - Incident Command System.

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- J. Orange County Fire Rescue - SOP EOP 3 - Fire Ground and Tactical Operations.
- K. Orange County Fire Rescue - SOP EOP 4 - Position Descriptions.
- L. Orange County Fire Rescue - SOP EOP 5 - Personnel Accountability System.
- M. Orange County Fire Rescue - SOP EOP 6 - 2-IN/2-OUT.
- N. Orange County Fire Rescue - SOP EOP 7 - Rapid Intervention Team.
- O. Orange County Fire Rescue - SOP EOP 8 - Mayday Event.
- P. Orange County Fire Rescue - SOP EOP 9 - Emergency and Non-Emergency Evacuation.
- Q. Orange County Fire Rescue - SOP EOP 10 - Personnel Alert Safety System.
- R. Orange County Fire Rescue - SOP EOP 11 - Emergency Radio Alarm Activation on the Fire Ground.
- S. Orange County Fire Rescue - SOP EOP 12 - High-Rise Structure Fire Incidents.
- T. Orange County Fire Rescue - SOP EOP 13 - Mass Casualty Incident.
- U. Orange County Fire Rescue - SOP EOP 14 - Wildland/Urban Interface Fires.
- V. Orange County Fire Rescue - SOP EOP 15 - Automatic Alarms.
- W. Orange County Fire Rescue - SOP EOP 16 - Surface Water Rescue.
- X. Orange County Fire Rescue - SOP EOP 17 - Lock Out/Tag Out.
- Y. Orange County Fire Rescue - SOP EOP 18 - Power Lines/Energized Electrical Equipment.
- Z. Orange County Fire Rescue - SOP EOP 19 - Hazardous Incidents.
- AA. Orange County Fire Rescue - SOP EOP 24 - Vehicle and Machinery Rescue.
- BB. Orange County Fire Rescue - SOP EOP 25 - Violent Situations/Mass Shootings.

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Emergency Support Function #5: Information and Planning

Primary Agency: Orange County Office of Emergency Management

Support Agencies: Orange County Property Appraiser's Office
Orange County Communications Division,
Orange County Community, Environmental & Development
Services Department, Fiscal & Operational Support Division

I. Introduction

A. Purpose & Scope

The purpose of this Emergency Support Function (ESF) #5 is to coordinate the collection, processing, display, and dissemination of information in support of disaster planning and operational activities.

B. Policies

1. Support response and recovery operations through Incident Action Plans, Situation Reports, Emergency Operations Center (EOC) briefings and intelligence gathering.
2. Coordinate the processing and display of response and recovery information through the use of Geographic Information System (GIS) technology and other media.
3. Maintain and update current information on the Internet website in coordination with ESF #14.
4. Coordinate the Emergency 311 Call Center for citizens' information requests.
5. Consolidate key information into situation and technical data reports, along with documenting overall response activities and operations.

C. Planning Assumptions / Limitations / Resource Limitations

1. There will be an immediate and continuous demand for information on which decisions will be made to conduct response and recovery actions.
2. Local response agencies will be the best available source of vital information regarding damage and initial unmet needs assessments.
3. The timely sharing of event-specific information, assessments, and public information will require effective modes of communication including computer networks, wired and wireless telephone systems, radio, television, cable, and satellite communications.
4. The response effort, by definition, exceeds traditional response capability and/or requires the coordination of multiple agencies, levels of government, or jurisdictions.
5. There will be delays in establishing full information processing capabilities.

6. All responding organizations are trained in the basic concepts, processes, roles and responsibilities of the Incident Management System and are committed to implementing the ICS for incident management.

II. Organization and Responsibilities

This section identifies the responsibilities for each primary, support, and coordinating agency. Procedures, checklists, and job aids for implementing these responsibilities should be detailed in agency specific Standard Operating Procedures / Guidelines.

A. Primary Agency

Orange County -Office of Emergency Management (OEM). The primary agency of ESF #5 serves as the Information and Planning Unit Leader under the Information and Planning Section. This Unit reports directly to the Information and Planning Section Chief (EOC Operations Desk Manager) / (EOC Supervisor).

1. Lines of Succession

The following is the line of succession of individuals with responsibility for coordination, control, and continuity of ESF #5 during an emergency: OEM Manager or his/her designee as detailed in the Continuity of Operation Plan and the staffing list.

2. EOC Representative

OEM staff is designated as the primary contact and shall staff the Emergency Operations Center (EOC) upon notification and ensure 24-hour staffing coverage.

3. ESF Coordinator Responsibilities

- a. The Primary Agency's ESF Coordinator will prioritize missions in coordination with Information and Planning Section Chief (EOC Operations Desk Manager) / (EOC Supervisor) based on life safety, incident stabilization and protection of property for the response to and recovery from the consequences of identified hazards.
- b. Annually, review and update SOG, train all personnel to fulfill their assigned responsibilities in accordance with their Standard Operating Procedures/Guidelines and the National Incident Management System.
- c. Either once every four years or upon request of the Emergency Management Director, review this ESF Annex and forward revisions to the Orange County Office of Emergency Management.

- d. Coordinate the overall efforts to collect, process, report, and display essential elements of information and to facilitate support for planning efforts in response operations.
- e. Coordinate all activities through the Information and Planning Section to ensure effective implementation of all responsibilities of ESF #5.
- f. Maintain ongoing communication and coordination with the Public Information Officer (EOC Operations Desk Manager) / (EOC Supervisor) and support agencies.
- g. Maintain a roster of all support agency contact persons and activate these organizations as needed in support of ESF #5 operations.
- h. Integrate findings into short- and long-term plans for consideration by the EOC Supervisor. Collect, process, and disseminate information to be used in the development of the Incident Action Plan (IAP) and associated forms during the response and recovery phases of a disaster. This information will be forwarded to the proper authorities within each ESF.
- i. Collect and summarize information obtained by the other ESFs/ECOs in the form of SITREPs.
- j. Develop situation reports, incident action plans, and other products for use by decision-makers and distribution to appropriate response and recovery organization as well as municipal partners.
- k. Present information in the OCEOC in the form of presentations to inform ESFs/ECOs as to the current situation and expected actions (GIS presentations, etc).
- l. Develop and distribute geographic information system tools to aid the disaster and response recovery environment.
- m. Maintain and test necessary ESF #5 computer equipment to ensure ESF #5 functionality and efficiency.
- n. Provide recommendations on an ongoing basis to improve technological capabilities.

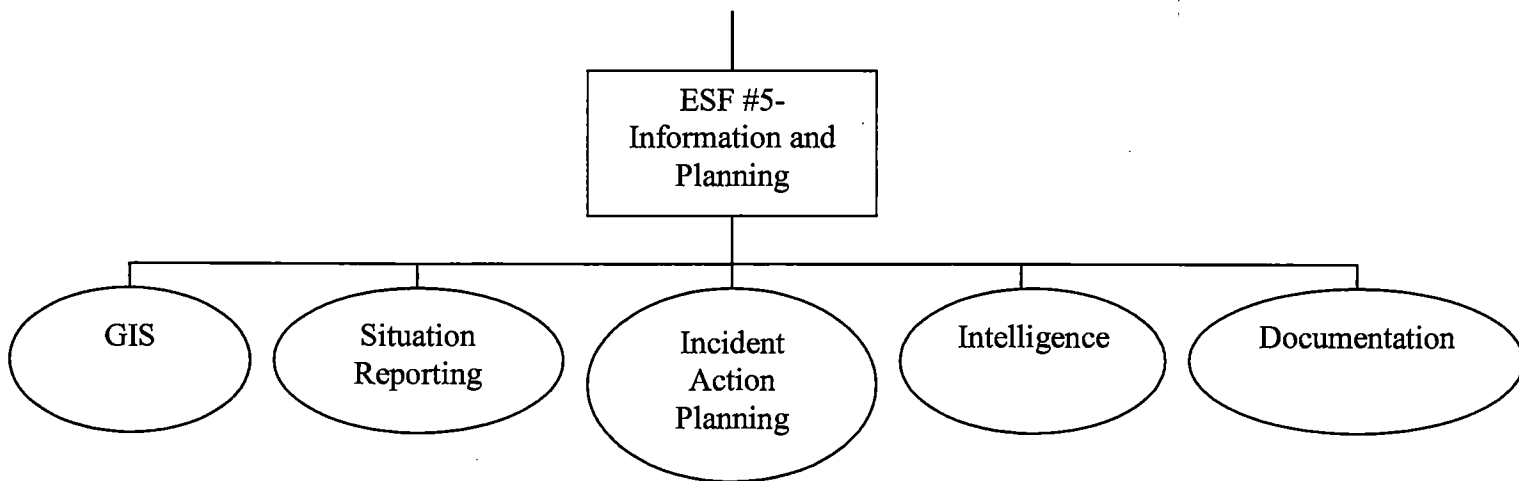
B. Orange County Property Appraiser's Office

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
2. As the Primary Agency for ESF #19, the Orange County Property Appraiser's Office will assist ESF #5 in the collection of data regarding the number of homes and businesses in Orange County.

C. Orange County Communications Division

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
2. Assist in the collection of information from the news media, which will be forwarded to ESF #5 for inclusion in SITREPs.

Planning Section



III. Concept of Operations

A. General

1. In response to an incident, emergency responders at all levels of government will initially assess the situation and report information by radio, telephone, or by other means to the OCEOC. At the OCEOC, reports will be directed from local sources to the appropriate ESF needing information.
2. ESFs/ECOs will provide validated information to ESF #5 to be processed and to be used for overall operational and planning activities. Information released by ESF #5 for public use will first be cleared with the EOC Supervisor and coordinated with ESF #14- Public Information.
3. ESF #5 will gather and display certain Essential Elements of Information (EEIs), which may not be immediately or readily available to an ESF but are of common need to one or more ESFs/ECOs to facilitate response activities. As response operations get under way, the ESFs/ECOs will provide most of the information required by ESF #5. Not all of the information collected by the ESFs/ECOs needs to be reported; however, critical information will be reported as it develops, and information for situation reports will be provided as required.
4. Information of common interest and use to the overall emergency, and which provides the most complete picture of the situation, will be disseminated or displayed. ESFs/ECOs will be responsible for displaying their own unique information within the OCEOC when appropriate.
5. ESF #5 will develop Situation Reports (SITREPs) using statistical, narrative, and graphical informational from the ESF/ECO operations that describes the situation and response activities undertaken to assist the affected area. SITREPs will include at least the following information as detailed in the Essential Elements of Information Form:
 - a) Major response actions taken

- b) Unmet needs and recommended actions
- c) Priority issues and requirements
- d) Anticipated actions and needs

B. Notification

1. Upon notification of EOC activation, provide appropriate representation to the OCEOC.
2. Implement 24-hour staffing plans and based upon severity of the disaster consider pre-staging personnel and resources.
3. Maintain roster of all support and coordinating agency contact persons, make necessary notifications, activate support agencies as necessary, and maintain ongoing communications to support mission assignments.
4. Notify all support and coordinating agencies to place resources on stand by and activate emergency contracts with vendors.
5. Dispatch resources as needed including vehicles, personnel, and equipment.
6. Once personnel arrive at the emergency operations center, activate and log into electronic mission tracking system for ESF.

C. Mobilization

1. Assure that incident facilities and NIMS compliant reporting systems are established and maintained, review Standard Operating Procedures (SOP).
2. Notify primary, support and coordinating agencies as to readiness and needs. Establish communication with field personnel, and obtain status reports, notify OCEOC as to the readiness of ESF.
3. Preposition assets and coordinate all Information and Planning support resources to assure maximum support during recovery operations, including transport of essential goods and persons into the impacted area.
4. Begin development and dissemination of information products including the IAP, Situation reports, personnel accountability systems, mission tracking, etc. in compliance with the EOC SOG.

D. Response Phase

1. Each agency with field personnel will conduct a situation/impact analysis of the impacted area and provide an evaluation of the impact and the identification of resources needed to support response and recovery operations.
2. Begin collection EEIs from the activated ESFs/ECOs.
3. Coordinate the development of action plans as required.

Essential Elements of Information

When ESFs/ECOs are requesting assistance or reporting the conditions in a disaster affected area, several key points of Essential Elements of Information (EEIs) are needed. GIS Predictive modeling software may be

used in support of disaster response and recovery operations. These EEIs include:

- Location of the impacted area.
 - Social, economic, and political impacts.
 - Jurisdictional boundaries involved.
 - Status of transportation systems and critical transportation facilities.
 - Status of communications systems.
 - Access points to the disaster area.
 - Status of operating facilities.
 - Hazard-specific information.
 - Weather data affecting operations.
 - Status of critical facilities and distribution systems.
 - Status of remote sensing and reconnaissance activities.
 - Status of key personnel.
 - Status of ESF activation.
 - Status of disaster or emergency declaration.
 - Major issues and activities of ESFs/ECOs.
 - Resource shortfalls and status of critical resources.
 - Overall priorities for response.
 - Status of upcoming activities.
 - Donations.
 - Historical and demographic information.
 - Status of energy systems.
 - Estimates of potential impacts based on predictive modeling (as applicable);
4. Coordinate with ESF 14 prescribed ads to be distributed the public in post disaster environment as required in English and Spanish.
 5. Maintain a list of foreign language speakers and translators to support ESF 14 operations.

E. Short Term Recovery Phase

1. Procedures initiating recovery and mitigation activities may occur simultaneously with the emergency response phase.
2. All Orange County primary, support, and coordinating agencies will conduct a comprehensive damage assessment of resources and facilities in compliance with Federal Emergency Management Agency (FEMA) requirements.

F. Mitigation Requirements

1. Evaluate and implement long-term policies and procedures which promote community mitigation strategies in the post disaster community through all available planning and land use mechanisms.

G. Demobilization

1. Each primary and support agency should assure that necessary operating facilities and reporting systems are deactivated and resources demobilized.
2. Notify the EOC of the ESF#5 status of incident facilities and resources.
3. Schedule debriefing session with all response personnel and monitor physical and mental health in the short term and long-term recovery process.
4. Conduct post event evaluation of response and recovery missions; update plans and procedures as necessary.

IV. Resource and Logistics Management

A. Resource Management Policies

1. Under a state of emergency, all resources owned by the Board of County Commission can be deployed by the Primary or Support Agency responsible for these resources.
2. The cost of resource deployments is absorbed within existing budgets of each Department and appropriate documents for financial reimbursement must be maintained by each agency as detailed in the financial management section of the Basic Plan.
3. If a federal disaster declaration is issued, the eligible costs associated with response and recovery operations may be reimbursed through Federal Emergency Management Agency reimbursement funds as detailed in the Financial Management Section of the Basic Plan.
4. Resource management objectives will incorporate the following: personnel, equipment, training and exercise, facilities, funding, expert knowledge, materials, and the time frames within which they will be needed; and quantity, response time, capability, limitations, cost, and liability connected with using the involved resources.

B. Resource Typing

1. Inventory. The primary agency for ESF #5 and each support agency will maintain a current inventory of internal and external resources in compliance with NIMS resource typing standards. This will allow for the expeditious identification and procurement of external resources and assistance.
 - a) Personnel
 - (1) GIS Technicians
 - (2) Information Gathering and Planning Support
 - b) Equipment & Materials
 - (1) Computers and Data in support of GIS operations

C. Training and Exercise

1. Training

- a) It is the responsibility of each agency to assess, develop, and implement a training program for all personnel assigned responsibilities in this ESF.
- b) It is the responsibility of each agency to coordinate and track compliance with NIMS related training.
- c) Each agency must ensure that sufficient personnel are trained to perform their assigned duty on a 24-hour basis and that all key positions have a depth of three persons.

2. Exercise

- a) In coordination with the Orange County Office of Emergency Management, the Primary agency will annually participate in at least one HSEEP compliant drill or exercise to test response and/or recovery responsibilities related to this ESF.
- b) Each ESF will assist in the development, review, and program enhancements outlined in the HSEEP compliant post exercise improvement plan.

V. References / Authorities

- A. Each Orange County Office of Emergency Management Primary and Support Agency is required to develop, coordinate, and implement operational procedures to support their assigned responsibilities. All operations will be conducted under the National Incident Management System and are written using a nationally accepted format. The following agencies have listed their policies and procedures:

- 1. Orange County Comprehensive Emergency Management Plan (CEMP)
- 2. CEMP ESF #5 Annex
- 3. Orange County Emergency Operations Center Standard Operating Guidelines (EOC SOG)
- 4. ESF #5 Planning & Information SOG/Procedures including ICS Standardized forms (Modified: Incident Action Plan, Situation Plan)
- 5. ESF #5 Situation Reporting SOP
- 6. ESF #5 Mapping and Analysis SOP
- 7. ESF #5 Incident Action Planning and Documentation SOP
- 8. EOC Checklists and Job Aids
- 9. Employee Emergency Checklist for Work Area
- 10. E-Team Annex
- 11. ESF # 5 Continuity of Government Line of Succession and EOC Emergency Coordinator Form and Form 2: EOC Division/Department EOC Staffing List.

12. ESF 5 Contact List
13. EOC Emergency Responders list.
14. Sample List of Pre-scripted public safety messages and advertisements
15. List of foreign language speakers and translators
16. Labor Log Form and Instructions
17. NIMS Information
18. Definitions and Acronyms
19. Essential Elements of Information Form

Emergency Support Function #6: Mass Care

Primary: Orange County office of Emergency Management

Support Agencies: American Red Cross
Orange County Sheriff's Office
Orange County Fire Rescue Department
LYNX
Orange County Public School District
Orange County Health and Family Services Department
Salvation Army add esf 15

Coordinating Organizations: Orlando-Orange County Convention and Visitor's Bureau
Florida Department of Children and Families
Orange County Administrative Services Department
Orange County Information Systems & Services Division
Area Agency on Aging
Orange County Health Department
VOAD

I. Introduction

A. Purpose & Scope

The purpose of this Emergency Support Function (ESF) #6 is to coordinate activities involved with the emergency provision of temporary shelters, emergency mass feeding, bulk distribution of coordinated relief supplies for victims of disaster, and disaster welfare information. In some instances, services also may be provided to disaster workers as described below.

B. Policies

1. Coordinate and manage all aspects of host and risk sheltering operations for evacuees and disaster victims.
2. Conduct disaster assessment surveys in impacted areas.
3. Provide Family Services to disaster victims, including casework, counseling, and disbursement of vouchers for emergency housing, food, maintenance, building and repair supplies, household furnishings, medical supplies/medical needs, and occupational supplies and equipment.
4. Coordinate the establishment and operation of mass feeding facilities in areas affected by disasters and coordinate with ESF #11 (Food and Water Unit) for the provision of food, water, and ice to disaster victims.
5. Coordinate with ESF #8 (Health and Medical Unit) for supplemental disaster health services and emergency first aid.

6. Maintain the Family Well-being Inquiry and provide disaster welfare information regarding individuals within the impacted area in order to reunite families.
7. Coordinate the provision of emergency aid in shelters, fixed feeding sites, and emergency first aid stations.

C. Planning Assumptions / Limitations / Resource Limitations

1. All County assets under the control of the Board of County Commissioners shall be made available to ESF #6 (Mass Care) upon implementation of the Comprehensive Emergency Management Plan (CEMP).
2. ESF #6 will be activated upon notification from OEM.
3. The ARC, as chartered by Congress in 1905, has responsibilities related to meeting human needs created by a disaster. The ARC's policies include a program of both emergency mass care and assistance to individuals with urgent and verified disaster caused needs.
4. ESF #6 activities will be coordinated through the Orange County Emergency Operations Center (OCEOC). The primary agency and support agencies will provide staff at the EOC on a 24-hour basis for the duration of ESF #6 activation.
5. ESF #6 activities will support county government. Additional mass care resources required beyond county capability will be coordinated through ESF #6.
6. ESF #6 will ensure appropriate confidentiality regulations are enforced. Shelter occupants' information will be handled in accordance with Red Cross Disaster Welfare Inquiry procedures.

II. Organization and Responsibilities

This section identifies the responsibilities for each primary, support, and coordinating agency. Procedures, checklists, and job aids for implementing these responsibilities should be detailed in agency specific Standard Operating Procedures / Guidelines.

A. Orange County office of Emergency Management

The primary agency of ESF #6 serves as the Mass Care Unit Leader under the Logistics Section. This Unit reports directly to the Logistics Section Chief.

1. Lines of Succession

The following is the line of succession of individuals with responsibility for coordination, control, and continuity of ESF #6 during an emergency: Specified by Government Liaison Team.

2. EOC Representative

The Director of Preparedness and Response is designated as the primary contact and shall staff the Emergency Operations Center (EOC) upon notification and ensure 24-hour staffing coverage.

3. Primary Agency Responsibilities

- a) Annually, review and update Standard Operating Procedures/Guidelines, and train all personnel to fulfill their assigned responsibilities in accordance with their Standard Operating Procedures/Guidelines and the National Incident Management System. Coordinate response and recovery procedures and policies with Support Agencies and Coordinating Agencies. Periodically conduct an exercise to test response capability.
- b) Either once every four years or upon request of the Emergency Management Director, review this ESF Annex and forward revisions to the Orange County Office of Emergency Management.
- c) Maintain resource materials in support of this annex at the primary and secondary areas of operation / EOC. These materials include:
 - Shelter listings for each county with names and numbers of contact persons.
 - Listing of all bulk food providers and contact personnel and phone numbers as required.
 - Listing of all hospital and ambulance services with contact numbers as required from ESF #8 (Health and Medical)
 - Locations of all mass feeding sites and the names of site managers.
 - Listings of all state and federal human services agencies active in the response.
 - Listings of all voluntary organizations active in the response.
- d) Maintain a roster of all support agency contact persons, make emergency notifications, activate support agencies as necessary, and maintain ongoing communications to support mission assignments.
- e) Maintain the mission tracking system to include recording incoming requests for assistance, the actions taken, movement of resources, and demobilization.
- f) The Primary Agency's ESF Coordinator will prioritize missions in coordination with support and coordinating agencies based on life safety, incident stabilization and protection of property for the response to and recovery from the consequences of identified hazards.
- g) Coordinate mission response with other ESF's, Section Chiefs, the Emergency Management Director/Command, and field staff.
- h) The primary agency will manage shelter operations in accordance with ARC procedures and requirements,
- i) Prepare status reports, participate in the Incident Action Planning Process, and provide information for the situation reports as requested by ESF #5.

- j) Coordinate mutual aid and private vendor resource needs through the standard resource request procedure and maintain documentation for financial reimbursement once local resource capabilities have been exhausted.

B. American Red Cross

1. Coordinate with Office of Emergency Management
2. Identify facilities and support emergency shelters, reception areas, and mass feeding operations as requested by the primary agency.

C. The Orange County Sheriff's Office

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
2. Provide law enforcement support and security to activated emergency shelters located within Orange County.
3. Maintain, review, and update this ESF, and ensure coordination with all supporting policies, plans, and procedures. Maintain a list of contacts. Annually train and exercise personnel to implement ESF #6 and the National Incident Management System.

D. Orange County Fire Rescue Department

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
2. Provide emergency medical services support to activated shelters.
3. Maintain, review, and update this ESF, and ensure coordination with all supporting policies, plans, and procedures. Maintain a list of contacts. Annually train and exercise personnel to implement ESF #6 and the National Incident Management System.

E. LYNX

1. Transport citizens to and from shelters in accordance with standard operating procedures.
2. Coordinates transportation for Medicaid, Transportation Disadvantaged (TD) Program, and the Americans with Disabilities Act (ADA) Program. (see ESF #8 for further details)
3. Maintain, review, and update this ESF, and ensure coordination with all supporting policies, plans, and procedures. Maintain a list of contacts. Annually train and exercise personnel to implement ESF #6 and the National Incident Management System.

F. Orange County Public School

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.

2. At public school risk shelters equipped with hurricane shutters, ensure that shutters are regularly maintained and that they are closed prior to landfall of tropical storms and hurricanes.
3. In accordance with The School Board of Orange County, Florida and American Red Cross Agreement, support ESF #6 sheltering activities as follows:
 - a) Provide Principal/Assistant Principal or designee to open shelter and ensure necessary support services are in place.
 - b) Provide food service employee for each school shelter before, during and after meals
 - c) Maintain an inventory of food in compliance with the agreement.
 - d) Ensure custodial support staff is on duty at each school shelter during shelter operation.
 - e) Provide an employee for generator start-up and maintenance at each site that is equipped with a generator.
4. Maintain, review, and update this ESF, and ensure coordination with all supporting policies, plans, and procedures. Maintain a list of contacts. Annually train and exercise personnel to implement ESF #6 and the National Incident Management System.

G. The Orlando-Orange County Convention and Visitor's Bureau

1. Assist in filling available shelter space by communicating the capacity of area hotels and motels on a regular basis to the Orange County EOC.
2. Maintain, review, and update this ESF, and ensure coordination with all supporting policies, plans, and procedures. Maintain a list of contacts. Annually train and exercise personnel to implement ESF #6 and the National Incident Management System.

H. Florida Department of Children and Families

1. Assist in provision of medical and first aid supplies for shelters and first aid stations.
2. Provide human resource support for disaster mental health services.
3. Maintain, review, and update this ESF, and ensure coordination with all supporting policies, plans, and procedures. Maintain a list contacts.

I. Orange County Health and Family Services Department

1. Provide technical assistance for shelter, feeding and warehouse operations related to food, vector control, water supply and waste disposal.
2. Assist in provision of medical and first aid supplies for shelters and first aid stations.
3. Support disaster mental health services.
4. Maintain, review, and update this ESF, and ensure coordination with all supporting policies, plans, and procedures. Maintain a list of contacts.

J. Salvation Army

1. Provide additional feeding resources to ARC at shelters or mobile feeding stations.

K. Orange County Administrative Services Department

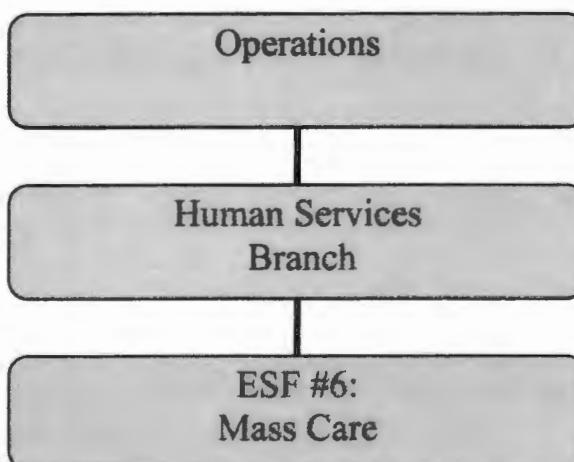
1. Coordinate mutual aid and private vendor resource needs through the proper resource request procedure and maintain documentation for financial reimbursement once local resource capabilities have been exhausted.
2. Maintain, review, and update this ESF, and ensure coordination with all supporting policies, plans, and procedures. Maintain a list of current contacts.

L. Orange County Information Systems & Services Division

1. Provide assistance in setting up the computers and databases needed for volunteer and donations management.
2. Maintain, review, and update this ESF, and ensure coordination with all supporting policies, plans, and procedures. Maintain a list of current contacts.

M. Area Agency on Aging

1. Support Individual Feeding activities through home delivered meals.
2. Assist in the placement of disaster victims who cannot return to normal living arrangements.
3. Communicate with OEM and ESF #8 to direct members of the medical community to set up stations within the centers to check on the conditions of seniors.
4. Coordinate with American Red Cross and/or Salvation Army to provide emergency clothing to seniors in need.
5. Maintain, review, and update this ESF, and ensure coordination with all supporting policies, plans, and procedures. Maintain a list of current contact persons.



III. Concept of Operations

A. General

1. Ensures rapid response to the mass care needs of people affected by a disaster.
2. Coordinate risk and host sheltering activities, mass feeding, and coordinate volunteer agency activities involved in mass care as directed by the American Red Cross.
3. Identify and operate large risk/host sheltering and/or mass care facilities within Orange County to assist citizens and visitors who may be temporarily displaced and/or in need of mass care.
4. Coordinate realignment of host and/or risk shelter populations.
5. Provide food, clothing, medical assistance and basic needs for verified disaster victims.
6. Ensure the mass care needs of special populations in the community are met including the elderly and the disabled.
7. Ensure the provision of mental health services to disaster victims and responders in coordination with ESF #8.

B. Notification

1. ESF primary agency will be notified via landline, radio, pager, or cell phone and in turn will notify its support agencies by the same methods.
2. Upon notification of EOC activation, the primary agency and support agencies will immediately provide appropriate representation to the OCEOC.
3. Primary and support agencies will provide sufficient personnel to staff their function 24-hours daily throughout the activation period. The staff will be qualified persons able to make decisions for the agency. Volunteers with subject knowledge and operations personnel are preferred.
4. Based upon severity of the predicted disaster notify all support and coordinating agencies to place resources on stand by and activate emergency contracts with vendors. Consider pre-staging personnel and resources at alternate locations in accordance with plans and procedures.
5. Maintain roster of all support and coordinating agency contact persons, make necessary notifications, activate support agencies as necessary, and maintain ongoing communications to support mission assignments.
6. Dispatch resources as needed including vehicles, personnel, and equipment.
7. Once personnel arrive at the emergency operations center, activate and log into electronic mission tracking system for ESF.
8. All support and coordinating agencies must report to the primary agency. Primary agency personnel will provide daily direction, assignment of ESF

personnel to requests for assistance, and ensuring that requests for assistance are met, documented and prioritized.

9. ESF #6 will establish liaison with other appropriate ESFs and maintain open communications with these ESFs in both the planning and operational phases.
10. All primary, support, and coordinating agencies will direct response and recovery resources in accordance with internal operating procedures.
11. Conflict among organizations will be resolved by the Operations Desk Manager or EOC Supervisor.

C. Mobilization

1. Assure that incident facilities and NIMS compliant reporting systems are established and maintained, review Standard Operating Procedures (SOP).
2. Notify primary, support and coordinating agencies as to readiness and needs. Establish communication with field personnel, and obtain status reports, notify OCEOC as to the readiness of ESF.
3. Preposition assets and coordinate all mass care resources to assure maximum support during response and recovery operations, including transport of essential goods and persons into the impacted area.
4. In consultation with the Emergency Management Director, identify and activate Risk and/or Host sheltering facilities in accordance with SOPs/SOGs.
5. Mobilize sufficient resources from all primary and support agencies to activate shelter, conduct registration, feeding, and ongoing maintenance of risk and host shelter operations.
6. Provide ongoing status updates of shelter capacity status and coordinate realignment of host and/or risk shelter populations.
7. Coordinate transit of residents in cooperation with ESF #1.

D. Response Phase

1. Each agency with field personnel will conduct assessment of mass care and human needs, situation/impact analysis of the impacted area and the identification of resources needed to support response and recovery operations.
2. Ensure that appropriate material and human resource levels are maintained at shelters.
3. Mobilize mobile emergency response vehicles to coordinate feeding and mass care operations.
4. Coordinate incoming mutual aid mass care resources from ESF support and coordinating agencies.
5. Coordinate mass care information with the Joint Information Center and the 311 services. All public information releases will be coordinated through the PIO and the JIC. Shelter location information will be provided through the media, County website, and 311 Call Center.

E. Short Term Recovery Phase

1. Procedures initiating recovery and mitigation activities may occur simultaneously with the emergency response phase.
2. All primary, support, and coordinating agencies will conduct a comprehensive damage assessment of resources and facilities in compliance with the Federal Emergency Management Agency (FEMA) requirements. The primary and support agencies of this ESF will coordinate with the appropriate OCERT members where structural expertise is required. The damage assessment results will be reported to the primary agency.
3. The primary agency, in conjunction with the appropriate OCERT member, the EOC Operations Desk Manager, and the EOC Supervisor will prioritize infrastructure restoration priorities to include debris removal from critical infrastructure required to implement ESF 6 including risk/host shelters and other critical mass care sites.
4. Provide case managers to work with those requiring shelter for prolonged period of time to ensure primary needs are met and help develop long-term plan.
5. Coordinate with the Florida Department of Children and Families, Orange County Housing Authority, and American Red Cross for long term placement of disaster victims who cannot move back to their normal living arrangements due to disaster damage.
6. Provide mental health counseling / grief counseling to victims and responders.
7. Implement family reunification procedures. (This is a collaborative effort among several ESFs, to include but not limited to ESFs #1, 6, 8, 14 and 16.)
8. American Red Cross will provide ESF #5 (Information and Planning) and ESF #14 (Public Information) with regular updates on which shelters are opened or closed and census data for open shelters.
9. Coordinate with ESF #14 (Public Information) to provide information to shelter residents about how to access disaster assistance program information and services through Red Cross Service Centers and Individual Assistance Programs through FEMA Disaster Recovery Centers/Tele-registration.

F. Mitigation Requirements

1. All Orange County primary, support, and coordinating agencies will incorporate the evaluation of mitigation initiatives during the damage assessment of resources and facilities. The primary and support agencies of this ESF will coordinate with the appropriate OCERT members to evaluate alternates for repairing and reconstructing infrastructure components to be more disaster resistant.
2. American Red Cross will coordinate with the county OEM to identify, survey, and designate structures within the community that may be used for shelter activities.
3. American Red Cross will coordinate with all support agencies to provide ongoing community disaster education to the general public.

G. Demobilization

1. Each primary and support agency should assure that necessary operating facilities and reporting systems are deactivated and resources demobilized.
2. Notify the EOC of the ESF #6 status of incident facilities and resources.
3. Schedule debriefing session.

IV. Resource and Logistics Management

A. Resource Management Policies

1. Under a state of emergency, all resources owned by the Board of County Commission can be deployed by the Primary or Support Agency responsible for these resources.
2. The cost of resource deployments is absorbed within existing budgets of each Department and appropriate documents for financial reimbursement must be maintained by each agency as detailed in the financial management section of the Basic Plan.
3. If a federal disaster declaration is issued, the eligible costs associated with response and recovery operations may be reimbursed through Federal Emergency Management Agency reimbursement funds as detailed in the Financial Management Section of the Basic Plan.
4. Resource management objectives will incorporate the following: personnel, equipment, training and exercise, facilities, funding, expert knowledge, materials, and the time frames within which they will be needed; and quantity, response time, capability, limitations, cost, and liability connected with using the involved resources.
5. Mutual Aid: ESF #6 will coordinate for the provision of all mutual aid resources (for ESF #6 missions) to requesting parties outside of the county upon direction of the Emergency Management Director in accordance with appropriate resource management procedure, available assets, and in accordance with the Statewide Mutual Aid Agreement.
6. Assets critical for the Initial Twelve Hours include:
 - a) Shelters
 - (1) Food, water, ice, food service equipment, and fuel (e.g. generator)
 - (2) Cleaning supplies
 - (3) Paper products
 - (4) Toiletry Items
 - (5) Blankets
 - (6) Portable toilets
 - (7) First aid supplies
 - b) Personnel

- (1) Shelter Managers
- (2) Qualified first aid staff/volunteers
- (3) Food service personnel

7. Assets Required for continuing Operations

The assets, as noted above, will be required for the immediate and long-term response phases (several days to several weeks). Increases and decreases in the number of shelters, feeding sites, and distribution sites will be adjusted based on Damage Assessment Teams reports and other Damage Assessment reports as they are received.

B. Resource Typing

The primary agency for ESF #6 and each support agency will maintain a current inventory of internal and external resources in compliance with NIMS resource typing standards. This will allow for the expeditious identification and procurement of external resources and assistance.

C. Training and Exercise

1. Training

- a) It is the responsibility of each agency to assess, develop, and implement a training program for all personnel assigned responsibilities in this ESF.
- b) It is the responsibility of each agency to coordinate and track compliance with NIMS related training.
- c) Each agency must ensure that sufficient personnel are trained to perform their assigned duty on a 24-hour basis and that all key positions have a depth of three persons.
- d) Training must be conducted for public, private, non profit, and volunteer personnel.

2. Exercise

- a) In coordination with the Orange County Office of Emergency Management, the Primary agency will annually participate in at least one HSEEP compliant drill or exercise to test response and/or recovery responsibilities related to this ESF.
- b) Each ESF will assist in the development, review, and program enhancements outlined in the HSEEP compliant post exercise improvement plan.

D. Vendor Agreements

All disaster related vendor agreements are managed by ARC personnel in accordance with ARC policies and procedures.

V. References / Authorities

A. Each Orange County Office of Emergency Management Primary and Support Agency is required to develop, coordinate, and implement operational procedures to support their assigned responsibilities. All operations will be conducted under the National Incident Management System and are written using a nationally accepted format. The following agencies have listed their policies and procedures:

1. American Red Cross Legal Authorities:

- a) Titles 36, Section 2 of the United States Code, January 5, 1905.
- b) Title 36, Section 1 of the United States Code Annotated; May 8, 1947.
- c) U.S. Attorney General ruling; November 26, 1951.
- d) Public Law 93-288, Robert T. Stafford Disaster Relief and Emergency Assistance Act as amended.

2. Independent Authorities:

- a) This ESF does not supplant existing plans or existing authorities that have been developed for response incidents under American Red Cross statutory authorities other than the Robert T. Stafford Act.
- b) Support agencies, which have their own authorities and funding to respond to disaster situations, will respond initially under those authorities.

3. State of Florida Authorities:

- a) Chapter 252, Florida Statutes; Emergency Management.
- b) CS/CS/HB 911, May 1993.

Emergency Support Function #7: Resource Support

Primary Agency: Orange County Procurement Division

Support Agencies: Orange County Administrative Services Department
Orange County Human Resources
Orange County Office of Management and Budget
Orange County Convention Center

Coordinating Organizations:
Orange County Sheriff's Office
Orange County Comptroller's Office
Orange County Property Accounting Office
Orange County Parks & Recreation Division
Orange County Fairgrounds

I. Introduction

A. Purpose & Scope

The purpose of ESF #7 is to provide guidance for logistical and resource support of all response and recovery organizations in the aftermath of a disaster.

B. Policies

1. Plan, coordinate, and manage the resources after a large scale disaster in support of response and recovery operations.
2. Identify, locate, and procure commodities and services as detailed in local emergency purchasing procedures.
3. Transport, stage, track, mobilize, document, and demobilize all resources (commodities and services) necessary to support disaster response operations of the Orange County Emergency Response Team.
4. Establish areas for staging, storing, and distributing warehoused supplies, goods, medical supplies, or other resources as needed.
5. Coordinate maximum use of internal and external personnel, supplies, and equipment.
6. Ensure appropriate financial tracking of these materials from the moment the resource is requested through the demobilization phase.

C. Planning Assumptions / Limitations / Resource Limitations

1. Resource support involves the provision of services, personnel, supplies, and facilities to county departments during the response phase of a major emergency or disaster.
2. Resource management includes identifying and prioritizing resource needs, locating and obtaining resources, staging and deploying them, tracking their movement, and demobilizing resources.
3. Logistics management ensures that all resources are received and distributed among the requesting parties, that they are supplied with fuel and maintained, and that they are secure.
4. A natural disaster or other catastrophic disaster will result in losses of local and State resources resulting in shortages of needed supplies.
5. Some resources may not be accessible due to damage to facilities.
6. Exhaust on-site inventories, in addition to local inventories, prior to acquiring additional goods.
7. Supply goods and services from county stores until exhausted, then use commercial sources.
8. Make procurement in accordance with provisions of the Comprehensive Emergency Management Plan (CEMP), the Local Emergency Policy, and Department of Purchasing policies and procedures, as applicable.
9. Comply with local, state, and federal laws to the degree possible under Local Emergency Declaration.

II. Organization and Responsibilities

This section identifies the responsibilities for each primary, support, and coordinating agency. Procedures, checklists, and job aids for implementing these responsibilities should be detailed in agency specific Standard Operating Procedures / Guidelines.

A. Primary Agency

The Procurement Division is the primary agency of ESF #7 serves as the Resource Support Unit Leader under the Logistics Section Support Branch. This Unit reports directly to the Logistics Section Chief (EOC Operations Desk Manager) / (EOC Supervisor).

1. Lines of Succession

The following is the line of succession of individuals with responsibility for coordination, control, and continuity of ESF #7 during an emergency: Continuity of Government (COG).

1. The Procurement Division Manager is designated as the primary contact

2. Responsibilities

The Primary Agency ESF Coordinator will prioritize missions in coordination with Logistics Section Chief and the Operations Section Chief (EOC Operations Desk Manager) / (EOC Supervisor) based on life safety, incident stabilization and protection of property for the response to and recovery from the consequences of identified hazards. His/her specific responsibilities include:

- a. Annually, review and update SOG, train all personnel to fulfill their assigned responsibilities in accordance with their Standard Operating Procedures/Guidelines and the National Incident Management System.
- b. Either once every four years or upon request of the Emergency Management Director, review this ESF Annex and forward revisions to the Orange County Office of Emergency Management.
- c. Develop a procurement plan in support of all response organizations of the incident. Ensure that resources are acquired and allocated in accordance with incident priorities as set forth by the Incident Action Plan (IAP).
- d. Track all equipment by assignment and time used in compliance with NIMS and FEMA reimbursement standards.
- e. Ensure that goods and services are procured and tracked to meet the needs of the incident within the authority and the constraints of the Finance/Administration Section and the jurisdictional agency.
- f. Provide technical assistance to define and translate requirements into a specification when a requestor is unable to describe an item by resource type or classification system.
- g. See that incident resources are properly checked in, tracked, supplied, and demobilized.
- h. Prepare and process resource status change information.
- i. Maintain a file or check-in list of resources assigned to the incident. Develop and maintain displays, charts, and lists which reflect the current status and location of operational resources, transportation, and support vehicles.
- j. Identify, refine, and validate resource requirements throughout the incident life cycle by accurately identifying what and how much is needed, where and when it is needed, and who will be receiving or using the resource.
- k. Establish a Field Operations Center (FOC) in the Facilities Management Complex. If this facility is unavailable or damaged, relocate to an alternate facility as detailed in the Continuity of Operations Plan.
- l. Lease or purchase equipment and buildings as needed for replacement for lost resources.
- m. The Orange County Building List will be used to identify available office space. The Director of Emergency Management or Logistics Section Chief / EOC Operations Desk Manager / EOC Supervisor will determine the allocation of office space based on priority of need.

- n. Maximum effort will be made to support all ESFs in the provision of additional resources to support response operations.
- o. Designated fueling facilities will provide fuel for vehicles and generators.

B. Support Agencies

1. Orange County Administrative Services Department

- a.
- b. Procure commodities and services to include mutual support agreements as needed.
- c. Maintain a list of resources (including vendors, contracts, agreements,) available from local agencies, their address, and an after hours point of contact.

2. Orange County Human Resources

- a. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
- b. Provide financial, clerical, and personnel support to the manpower pool and volunteer center.

3. Orange County Office of Management and Budget

- a. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
- b. Conduct records review, accountability review, and form management throughout the disaster response and recovery period.

4. Orange County Convention Center

- a. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
- b. Provide staging areas for emergency supplies and equipment. The Convention Center is designated as the primary staging areas.

C. Coordinating Organizations

1. Orange County Sheriff's Office

- a. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
- b. Orange County Sheriff's Office provides for security of facilities and staging areas. Staging areas will be cordoned off and when gates are

there they will remain locked. The Sheriff's Office will be requested to provide armed security if it is deemed necessary.

2. Orange County Comptroller's Office

- a. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
- b. Coordinates with the Board of County Commission for payroll and payment of invoices.

3. Orange County Property Accounting Office

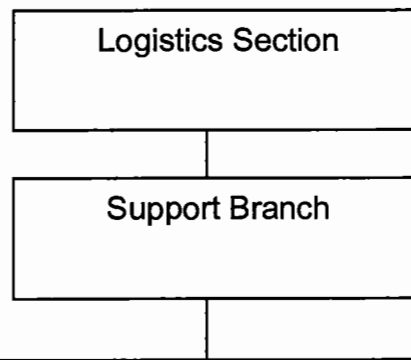
- a. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
- b. Maintain records of all properties loaned to this county by other counties, states, and federal agencies.
- c. Establish an inventory control system to track all loaned property.
- d. Track items purchased for county inventory (over \$1,000).

4. Orange County Parks & Recreation Division

- a. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
- b. Provide staging areas for emergency supplies and equipment.

5. Orange County Fairgrounds

- a. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
- b. Provide staging areas for emergency supplies and equipment. The County Fairgrounds is designated as the primary staging areas and the County Parks will be used as alternative sites.



ESF #7- Resource Support

III. Concept of Operations

A. General

1. The Procurement Division will allocate resources and coordinate actions in support of this Emergency Support Function. All county organizations under the Orange County Board of County Commissioners will provide supplies, equipment, and personnel in support of response operations.
2. Once internal resources are exhausted, commercial sources will be acquired including commodities and services.
3. ESF #7 will coordinate with available resources providers to supplement internal resources.
4. Due to the disaster impact, it may be necessary to procure resources from outside of the impacted area.
5. ESF #7 will monitor budget to ensure that each responding entity has sufficient funds on hand to adequately respond to a disaster and/or emergency.
6. In the event that Federal reimbursement becomes available, ESF #7 will work with their support agencies to insure reimbursement of costs.

B. Notification

1. Maintain roster of all support and coordinating agency contact persons, make necessary notifications, activate support agencies as necessary, and maintain ongoing communications to support mission assignments.
2. Notify all support and coordinating agencies to place resources on stand by and activate emergency contracts with vendors.

C. Mobilization

1. Assure that incident facilities and NIMS compliant reporting systems are established and maintained, review Standard Operating Procedures (SOP).
2. Notify primary, support and coordinating agencies as to readiness and needs. Establish communication with field personnel, and obtain status reports, notify OCEOC as to the readiness of ESF.
3. Preposition assets and coordinate all support resources to assure maximum support during recovery operations, including transport of essential goods and persons into the impacted area.
4. Coordinate the acquisition of all goods and services required for the protection of county property, and implementation of protective actions and emergency measures.

D. Response Phase

1. Each agency with field personnel will conduct situation/impact analysis of the impacted area and provide an evaluation of the impact and the identification of resources needed to support response and recovery operations.
2. Coordinate the logistical support of all operating elements of County Government responding to the disaster.
3. Supplies and materials requisitioned by county response forces will be provided by current local stocks or county surplus, as available.
4. Coordinate with the ESF #1- Transportation Unit, for the delivery of supplies and materials required by response forces that do not have the transportation resources to pick up provided materials.
5. In the event that normal county facilities are damaged or destroyed, the ESF #7 will attempt to lease a suitable structure for such purpose.
6. Coordinate with the Operations Section Chief and the Planning Section Chief (EOC Operations Desk Manager) / (EOC Supervisor) to identify resource needs in support of the field operations.
7. In compliance with ICS protocols, develop strategic plans that will anticipate logistics needs and acquisition requirements.
8. Work with all ESFs, vendors, and suppliers to determine availability of county supplies of essential resources.
9. Coordinate countywide requisition processing, asset sourcing, ordering, and allocation processes.
10. Identify the primary source of equipment, supplies, and personnel that exists, along with support agencies' resources and local sources outside of the impacted area. Support which cannot be obtained from these sources will be obtained from commercial sources.
11. Document acquisition activities and track deployment of supplies.
12. Identify and obtain mutual aid resources from neighboring jurisdictions, state and federal logistics partners.
13. Maintain mission tracking system to ensure resource coordination.
14. In coordination with field IC/UC and Area Command, establish, support, and supply staging areas for response resources, distribution sites for mass care resources, and other centralized staging and storage sites supporting response operations.
15. Throughout the response and recovery process coordinate with all department heads to ensure they maintain precise records of response commodities and services obtained for response operations and in compliance with NIMS.
16. Provide information as requested by the Planning Section in order to complete updates to the Incident Action Plan (IAP).

E. Short Term Recovery Phase

1. Procedures initiating recovery and mitigation activities may occur simultaneously with the emergency response phase.

2. All Orange County primary, support, and coordinating agencies will conduct a comprehensive damage assessment of resources and facilities in compliance with the Federal Emergency Management Agency (FEMA) requirements.
3. Coordinate ESF #7 status information with ESF #5 for distribution to ESFs in the OCEOC and other responding organizations.
4. Track the usage and deployment of county and mutual aid resources. This should be coordinated through communications with the Logistical Staging Areas.
 - a) Source organizations are promptly notified when their deploying personnel formally check in on scene.
5. The management of resources requiring special handling and disposition (e.g., biological waste, contaminated debris) complies with established regulations and policies.
6. Coordination with the Budget Officer under the Administration/Finance Section to ensure that have implemented and institutionalized processes and/or procedures that ensure resource providers are reimbursed in a timely manner, including mechanisms for collecting bills, validating costs against the scope of the work, ensuring proper authorities are involved, and accessing reimbursement programs.

F. Mitigation Requirements

All Orange County primary, support, and coordinating agencies will incorporate the evaluation of mitigation initiatives during the damage assessment of resources and facilities. The primary and support agencies of this ESF will coordinate with ESF #3 to evaluate alternates for repairing and reconstructing infrastructure components to be more disaster resistant.

G. Demobilization

1. Each primary and support agency should assure that necessary operating facilities and reporting systems are deactivated and resources demobilized.
2. Notify the EOC of the status of incident facilities and resources.
3. Manage demobilization and closeout activities at the conclusion of the emergency to include retrieval and return of unused assets, appropriate dispersal or disposal of other assets in staging areas, completion of accounting processes and collection of logistics paperwork.
 - a) All nonexpendable resources are fully accounted for at the incident site and again upon return to the issuing unit.
 - b) All expendable resources are fully accounted for.
4. Schedule debriefing session with all response personnel and monitor physical and mental health in the short term and long-term recovery process.
5. Conduct post event evaluation of response and recovery missions, update plans and procedures as necessary

IV. Resource and Logistics Management

A. Resource Management Policies

1. The cost of resource deployments is absorbed within existing budgets of each Department and appropriate documents for financial reimbursement must be maintained by each agency as detailed in the financial management section of the Basic Plan.
2. If a federal disaster declaration is issued, the eligible costs associated with response and recovery operations may be reimbursed through Federal Emergency Management Agency reimbursement funds as detailed in the Financial Management Section of the Basic Plan.
3. Resource management objectives will incorporate the following: personnel, equipment, training and exercise, facilities, funding, expert knowledge, materials, and the time frames within which they will be needed; and quantity, response time, capability, limitations, cost, and liability connected with using the involved resources.
4. Ensure that equipment identification, where applicable, is consistent with FEMA / NIMS Equipment typing

B. Resource Typing

1. Inventory. The primary agency for ESF #7 and each support agency will maintain a current inventory of internal and external resources in compliance with NIMS resource typing standards. This will allow for the expeditious identification and procurement of external resources and assistance.
 - a) Personnel: None listed
 - b) Equipment & Materials:
 - Air Conditioner/Heater
 - Air Curtain Burners (Fire Box-Above Ground, Refractory Walled)
 - Air Curtain Burners (Trench Burner, In-Ground)
 - All Terrain Cranes
 - Backhoe Loader Chillers & Air Handlers (500 Ton to 50 Ton)
 - Concrete Cutter/Multi-Processor for Hydraulic Excavator
 - Crawler Cranes Debris Management Monitoring Team
 - Debris Management Site Reduction Team
 - Debris Management Team
 - Disaster Assessment Team
 - Disaster Recovery Team
 - Dump Trailer (one type/example only)
 - Dump Truck-Off Road Dump Truck-On Road
 - Electrical Power Restoration Team (Example)
 - Engineering Services

- Flat Bed Trailer Truck (one type/example only)
- Generators
- Hydraulic Excavator (Large Mass Excavation 13 cy to 3 cy buckets).
- Hydraulic Excavator (Medium Mass Excavation 4 cy to 1.75 cy buckets)
- Hydraulic Truck Cranes
- Lattice Truck Cranes
- Track Doze
- Tractor Trailer (Example Only)
- Tub Grinder
- Tug Boat
- Water Purification Team (USACE Emergency Water Teams)
- Water Truck (example only) Wheel Dozer
- Wheel Loaders (Large 41 cy to 8 cy)
- Wheel Loaders (Medium 7 cy to 3 cy)
- Wheel Loaders (Small 7 cy to 2 cy)

(Source: Typed Resource, Definitions, Public Works Resources, FEMA 508-7, July 2005)

C. Training and Exercise

1. Training

- a) It is the responsibility of each agency to assess, develop, and implement a training program for all personnel assigned responsibilities in this ESF.
- b) It is the responsibility of each agency to coordinate and track compliance with NIMS related training.
- c) Each agency must ensure that sufficient personnel are trained to perform their assigned duty on a 24-hour basis and that all key positions have a depth of three persons.
- d) Training must be conducted for public, private, non profit, and volunteer personnel.

2. Exercise

- a) In coordination with the Orange County Office of Emergency Management, the Primary agency will annually participate in at least one HSEEP compliant drill or exercise to test response and/or recovery responsibilities related to this ESF.
- b) Each ESF will assist in the development, review, and program enhancements outlined in the HSEEP compliant post exercise improvement plan.

D. Vendor Agreements: Refer to on-line internet database.

V. References / Authorities

A. Each Orange County Office of Emergency Management Primary and Support Agency is required to develop, coordinate, and implement operational procedures to support their assigned responsibilities. All operations will be conducted under the National Incident Management System and are written using a nationally accepted format. The following agencies have listed their policies and procedures:

1. Chapter 252, Florida Statutes
2. Orange County Comprehensive Emergency Management Plan
3. Points of Distribution Guidelines
4. Emergency Purchasing Procedures

Emergency Support Function #8: Health and Medical

Primary Agency: Orange County Health Services Department

Support Agencies: Florida Department of Health in Orange County – **Primary Support**
Orange County Human Services Department
Orange County Youth and Family Services Division
Orange County Head Start
Orange County Medical Clinic
Orange County Community Action
Orange County Citizens Commission for Children Division
Orange County Environmental Protection Division
Orange County Medical Examiner's Office
Orange County Public Safety Communication Division
Orange County Public Schools
Orange County Public Works
Orange County Center for Drug Free Living
Orange County Utilities
Local Fire Departments and Ambulance Services
Local Aeromedical Services
Local Hospitals
Para Transit agencies

Coordinating Organizations:
Agency for Healthcare Administration
American Red Cross
Senior Resource Alliance
Department of Elder Affairs
Agency for Persons with Disabilities
Department of Veterans Affairs
Department of Children and Families
Children's Medical Service
Florida Emergency Mortuary Operators Response System
Florida Pharmacy Association
Florida Assisted Living Association
End Stage Renal Disease Network
Florida Hospital Association
Poison Control Center
Area Home Health Agencies / Area Hospice Agencies
Area Durable Medical Equipment Companies
Community Service-based Organizations
Area Social and Mental Health Agencies
Central Florida Disaster Health Care Coalition

I. Introduction

A. Purpose & Scope

The purpose of Emergency Support Function (ESF) 8 is to provide health, medical and behavioral support services to the community and responders during and after a disaster, including protection of water supplies, ensuring adequate sanitation is maintained, ensuring safety of food and pharmaceutical supplies, providing medical and mortuary services, and managing and minimizing communicable disease and epidemic outbreaks.

B. Policies

1. Address the needs of vulnerable populations who live independently at home; whether people with special needs (PSN) or functional needs, and establish PSN shelters for evacuees during emergency evacuations. Assist ESF-6, with functional needs shelters as requested.
2. Procure, store, distribute, coordinate delivery of, and dispense, pharmaceutical and durable medical equipment products and services before and after disaster to PSN and Functional Needs Shelters, and other designated or affected area(s).
3. Maintain Special Needs Registry
4. Conduct a medical needs assessment of impacted areas post-disaster and monitor health hazards including food and water through available syndromic surveillance systems. Issue food and or water alerts as necessary.
5. Provide recommendations for protective actions including quarantine and isolation, decontamination, prophylaxis, vaccination and other disease/health control measures.
6. Coordinate provision of medical supplies and medical personnel to impacted area(s).
7. Coordinate operational status and needs with local residential health care facilities.
8. Coordinate behavioral health assessments and support in conjunction with ESF 6.
9. Provide behavioral health assistance, at each PSN shelter, for both emergency responders and victims.
10. Identify, isolate, decontaminate, transport, autopsy, and store human remains.
11. Inform the public of health related hazards in the pre, during, and post disaster environment and provide safety recommendations.

C. Planning Assumptions / Limitations / Resource Limitations

1. All County health and medical assets under the control of the Board of County Commissioners shall be made available to ESF 8 upon implementation of the Comprehensive Emergency Management Plan (CEMP).
2. A significant public emergency may hinder or prevent the delivery of routine health and medical services.
3. Medical/health care facilities may be severely damaged or destroyed.
4. Medical/health care facilities that remain in operation will likely become overwhelmed.
5. A sudden increase in the demand for certain health and medical services and supplies may impair availability in the short term.
6. Medical/EMS staff may not be able to report for duty as a result of personal illness, injury and/or as a result of damage to traditional communication and transportation systems.
7. Disruption of sanitation services and facilities, solid waste services and facilities, loss of power, and massing of people in shelters may increase the potential for disease and injury and/or require the identification of additional shelter space(s).
8. Critical and long-term patients in healthcare facilities may need to be relocated.
9. Assistance in maintaining continuity of health and medical services will be required with specific emphasis on implementation of communicable disease services (prevention, surveillance, etc.)
10. Damage to sewer lines, water distribution systems, chemical and industrial plants, and secondary hazards such as fires, may result in toxic environmental and public health hazards for the surviving population and response personnel.
11. Appropriate pharmaceutical aids used to counteract the effects of biological and chemical agents may be in short supply or not available through local resources.

II. Organization and Responsibilities

This section identifies the responsibilities for each primary, support, and coordinating agency. Procedures, checklists, and job aids for implementing these responsibilities are detailed in agency specific Standard Operating Procedures / Guidelines.

PRIMARY AGENCY

A. Orange County Health Services (OCHS) Department is the primary agency of ESF 8 and serves as the Health and Medical ESF-8 Unit Leader under the Emergency Services Branch.

1. Lines of Succession: The following is the line of succession of individuals with responsibility for coordination, control, and continuity of ESF 8 during an

emergency: Director of OCHS, EMS Medical Director or Disaster Health & Medical Manager (see Operations COG)

2. The Director of OCHS is designated as the primary contact and shall staff the Emergency Operations Center (EOC) upon notification and ensure 24-hour staffing coverage.

3. The primary contact may activate and staff the ESF 8 Department Operations Center (DOC) to coordinate tactical field operations.

4. The Primary Agency's ESF Coordinator will prioritize missions in coordination with the Operations Section Chief (EOC Operations Desk Manager/EOC Supervisor) based on life safety, incident stabilization, and protection of property for the response to and recovery from the consequences of identified hazards.

5. Annually, review and update the SOG, and train all personnel to fulfill their assigned responsibilities in accordance with their Standard Operating Procedures/Guidelines and the National Incident Management System.

6. Either once every four years or upon request of the Emergency Management Director, review this ESF Annex and forward revisions to the Orange County Office of Emergency Management.

7. Maintain a roster of all support agency contact persons, make necessary notifications, activate support agencies as necessary, and maintain ongoing communications to support mission assignments. A listing of specific positions and contact numbers is included as an attachment to the ESF 8 SOG.

8. The Office of the EMS Medical Director; Disaster Health & Medical Manager is responsible for maintaining a list of resources available from local agencies, their addresses, and an after-hours point of contact.

9. Maintain a listing of critical available medical resources within Orange County.

10. Insure development, maintenance, and review of primary and support agency SOGs to allow for the efficient and effective implementation of ESF 8 (Health and Medical Unit). Each agency will have thorough and up-to-date plans that have been coordinated through the OCHS. These plans will be operational in nature, and standardized whenever possible.

11. Each agency will be expected to maintain its operational capability and direct its response resources in accordance with the agency's operating plans and procedures.

12. Prioritize missions in coordination with the Emergency Services Branch based on life safety and protection of property and Incident Action Plan.

13. Coordinate mutual aid and private vendor resource needs to requesting parties within the County, through the proper resource request procedure. Documentation shall be maintained for operational accountability and for purposes of financial reimbursement once local resource capabilities have been exhausted.

14. Coordinate the provision of all mutual aid resources to requesting parties outside of the county in accordance with appropriate resource request procedures and based on available assets. Documentation shall be maintained for operational accountability and for purposes of financial reimbursement. Notify Emergency Management Director.

15. Assist and coordinate with local health care providers and emergency response agencies in assessing the general health and medical needs of survivor victims.
16. Review and approve all PSN applicants in accordance with pre-established criteria (reference PSN SOG for details of medical criteria) and manage PSN shelters to include assigning physicians and nurses, coordinating the provision of medical equipment and supplies, and ensuring continuous operation.
17. Provide staff support, medical equipment and supplies and pharmacy presence at PSN shelters.
18. Assist in surveillance and monitoring activities, relating to health/medical conditions, which could impact the health of the general public, according to established policies and procedures.
19. Assist in the recruitment and licensure verification of volunteer nurses and physicians to staff the Special Needs Shelter.
20. Stock PSN shelters and maintain supplies throughout event or at minimum for a 72-hour period.
21. Ensure, and coordinate as needed, the safety of food and drugs.
22. Assist and coordinate with municipal and County Public Works and Utilities agencies in assessing the safety of public and private water supply systems.
23. Provide health information to the public as it relates to contaminated food, water, and any other health related issues in coordination with ESF 14(Public Information)/Joint Information Center and the county Health Department.
24. Control insects, rodents, and other pests in accordance with Animal Control and Mosquito Control SOGs.
25. Assist with the coordination of the reconstitution of services to reduce the need to evacuate or move large groups of individuals.
26. Assist with the sheltering of groups or individuals with special or functional needs moving through or too Orange County from an impacted area.
27. Coordinate the evacuation of persons with medical needs from the disaster area when evacuation is deemed feasible and appropriate and the benefit of evacuation outweighs the risk.
28. Coordinate with existing behavioral health counseling service providers to establish behavioral health crisis centers as needed.
29. Coordinate medical supplies, equipment, and services to meet the needs of disaster victims.
30. Coordinate deployment of County or Regional Alternative Care Sites, State Medical Response Teams (SMRT's), or Federal Medical Teams to impacted areas if necessary.
31. Provide ongoing coordination with medical/pharmacy personnel, stationed at various sites within the County or manning mobile treatment sites to ensure accuracy, receipt of, and accountability for pharmaceuticals and related supplies distributed to and dispensed at appropriate locations.
32. Coordinate with county medical personnel and pharmaceutical manufacturers/wholesalers to activate local, state, and the federal government's strategic plan for long-term provision of drugs and related medical supplies to county residents.

33. Assist and coordinate with the ESF 10 (HazMat) in the identification of biological, chemical, or radiological hazards that present a threat to the survivor victims.
34. Coordinate backup laboratory support in response to biological or hazardous materials discharges.
35. Provide information to ESF 5 (Planning Section) as required for inclusion into the Incident Action Plan.

SUPPORT AGENCIES

All support agencies, as assigned, are responsible for the following functional areas and have developed Standard Operating Procedures (SOPs), accordingly.

- Notify, activate, and mobilize all personnel and equipment to perform or support assigned functions as designated within the Orange County CEMP, Basic Plan, or this Annex.
- Identification and assignment of personnel to staff all facilities at which this ESF is required.
- Coordination of the respective agency's actions in performing assigned missions of the ESF.
- Identifying all additional personnel and resources required in performing assigned missions.

A. Florida Department of Health in Orange County (FDOH-ORC) is the primary support agency.

1. The Emergency Operations Manager of FDOH-ORC is the primary contact for staffing the FDOH-ORC portion of the EOC / DOC upon notification and ensures 24-hour staffing coverage for their personnel.
2. Annually, review and update Agency Emergency Operations Plan, train all personnel to fulfill their assigned responsibilities in accordance with the SOG and the National Incident Management System.
3. Maintain a roster of all agency contact persons, make necessary notifications, activate support agencies as necessary, and maintain ongoing communications to support mission assignments. A listing of specific positions and contact numbers is included as an attachment to the ESF 8 DOC SOG.
4. Maintain a listing of critical available medical resources within the agency.
5. Through Regional planning, develop, maintain, and review Home Healthcare Agencies, Durable Medical Equipment Providers and Nurse Registries CEMPs to allow for the efficient and effective implementation of the ESF 8 as required by State Statute. Each agency will have thorough and up-to-date plans that have been coordinated through the FDOH-Region 5. These plans will be operational in nature, and standardized whenever possible.
6. Epidemiology will conduct surveillance and monitoring activities, relating to health/medical conditions, which could impact the health of the general public, according to the FDOH-ORC Surveillance and Investigation Plan.
7. Support staffing of PSN shelters to include assigning physicians, nurses and support staff, coordinate the provision of medical equipment and supplies, and

ensure continuous operation in accordance with the FDOH-ORC Special Needs Shelter Plan.

8. Manage Points of Dispensing, Quarantine and Isolation facilities to include assigning physicians, nurses and support staff, coordinate the provision of medical equipment and supplies, and ensure continuous operation in accordance with the FDOH-ORC Mass Prophylaxis and Quarantine and Isolation Plans.

9. Provide clinical and support staff personnel to support Alternate Care Site operations in accordance with the ESF 8 ACS Plan.

10. Assist in the recruitment and licensure verification of volunteer nurses and physicians through the Medical Reserve Corps.

11. Environmental Health will inspect, as needed, for the safety of food, water and drugs at all disaster facilities in accordance with FDOH-ORC Environmental Health SOGs.

12. Environmental Health will assist and coordinate with municipal and County Public Works and Utilities agencies in assessing the safety of public and private water supply systems in accordance with FDOH-ORC Environmental Health SOGs.

13. The FDOH-ORC Environmental Health Director will coordinate all messages, such as boil water notices, regarding the health and safety of water and sewage systems, with ESF 14.

14. Communications Office will provide health information to the public as it relates to contaminated food, water, and any other health related issues in coordination with ESF 14 (Public Information)/Joint Information Center.

15. Epidemiology and Environmental Health will monitor insect, rodent, and other pest vectors in conjunction with Animal Control and Mosquito Control.

16. Provide ongoing coordination with medical/pharmacy personnel stationed at various sites within the County or manning mobile treatment sites to ensure accuracy/receipt of and accountability for pharmaceuticals and related supplies distributed to and dispensed at appropriate locations.

17. Coordinate with county medical personnel and pharmaceutical manufacturers/wholesalers to activate local, state, and federal government Strategic National Stockpiles for long-term provision of drugs and related medical supplies to county residents.

18. Assist and coordinate with the ESF 10 (HazMat) in the identification of biological, chemical, or radiological hazards that present a threat to the survivor victims.

19. Coordinate backup laboratory support in response to biological or hazardous materials discharges.

B. Orange County Emergency Medical Services Office of the Medical Director

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.

2. Serves as the overall coordinating agency for ESF 8.

3. Coordinate ESF 8 health and medical planning for the county

4. Coordinate with area hospitals to determine bed availability and treatment capabilities.

5. Coordinate with ESF 1 (Transportation) and ESF 8 regarding emergency and inter-facility transportation requirements and capabilities.
6. Coordinate with ESF 1 (Transportation) and area non-emergency transport providers in the evacuation of the special need population.
7. Provide medical direction and control for all EMS activities in the County.
8. Acts as liaison between area hospitals and EMS providers.
9. Provide command and administrative staff in the DOC.

C. Orange County Head Start

1. Provide trained PSN Shelter managers as needed.
2. Provide trained childcare staff in PSN Shelters as needed.
3. Maintain current list of trained personnel and emergency contact information

D. Orange County Youth and Family Services Division

1. Provide certified behavioral health staff in PSN shelters as needed.
2. Provide certified behavioral health staff at the 311 call center to support staff and assess needs of citizens.
3. Coordinate with other behavioral health agencies to assess and provide services to responders and citizens as needed.
4. Establish social services centers as required.
5. Coordinate with other social services agencies to provide service to citizens.

E. Orange County Medical Clinic

1. Maintain pharmaceutical warehouse for ESF 8 caches
2. Maintain pharmaceutical caches for PSN Shelters and regional response
3. Provide trained clinical staff to 311 call center for triage and advice during emergency activations

F. Orange County Community Action

1. Assist in providing social services to disaster victims.
2. Assist and coordinate staff in support of call down operations for the Special Needs Registry.
3. Assist in providing Community Outreach Services to disaster victims, as requested.
4. Identify and assign staff to support special needs shelter operations.
5. Sufficient staffing will be available 24-hours per day, seven days a week.
6. Staff not needed for special needs shelter operations, will be assigned to ESF 15 (Volunteers and Donations) for re-assignment to Family shelters, as needed.

G. Orange County Medical Examiner

1. On-scene Chief Medical Examiner works with other Incident Commanders, takes charge of death scene, and communicates with Department Operation Center (DOC).
2. The Medical Examiner will ensure recovery, removal, collection, identification, processing deceased and their personal effects, and forwarding official death count to the DOC on a daily basis.

3. The Medical Examiner will coordinate morgue services.
4. Coordinate with ESFs 4 (Fire Rescue), 9 (SAR), and 10 (HAZMAT) during detection and suppression of fires and urban search and rescue operations, to identify victims and arrange for mortuary services.
5. For biological and chemical incidents the medical examiner will coordinate closely with Florida Department of Health in Orange County.
6. Coordinate with ESF 6 (Mass Care) in identifying victims and arranging for mortuary services to residents of emergency shelters.
7. Activate and operate body staging areas and/or refrigerated trucks to hold and process the dead.
8. Determine cause of death and notify next of kin, handle personal effects, register deaths, and prepare death lists
9. Coordinate release of information to press and public through the Joint Information Center and Medical Examiner's Office.
10. Work with area cemeteries and mortuary services in the collection and identification of desecrated cemeteries by natural or man made disasters.

H. Orange County Environmental Protection Division

1. Assist ESF 12 (Energy), ESF 20 (Utilities), Florida Department of Health in Orange County, Florida Department of Environmental Protection, and ESF 6 (Mass Care) on the safety of surface water bodies and the disposition of solid waste and wastewater.
2. Assist ESFs 12 and 20 with other county municipal water supply systems in assessing the discharges from wastewater systems.
3. Assist ESF 14 (Public Information) in providing this information to the general public.
4. Provide logistical support to ESF-8 and other ESFs as necessary and resources allow.
5. Provide logistical support to PSN shelters.

I. Orange County Mosquito Control

1. Assist and coordinate in establishing vector control in the impact area(s).
2. Work in conjunction with the Florida Department of Health in Orange County to conduct epidemiological investigation.
3. Provide logistical support to PSN shelters.

COORDINATING AGENCIES

A. Agency for Health Care Administration

1. Coordinate the need to initiate waiver of rules and regulations regarding licensed professional personnel and capacities of residential health care facilities.
2. Coordinate Discharge Planning as needed for placement of victims requiring services after closure of SpNS shelters. (Secretary of Elder Affairs)

B. Orange County Utilities

1. Monitor countywide ongoing water supply in coordination with municipal water utilities and notify Florida Department of Health in Orange County (FDOH-ORC) of any potential contamination of drinking water in accordance with SOP.
2. Monitor countywide ongoing wastewater system, notify FDOH-ORC of failed sites, and provide generator power at critical failed sites.
3. Assist the FDOH-ORC and EPD in assessing the portability of public and private water supply sources, as needed.

C. Area Home Health Agencies, Hospice Agencies, Durable Medical Equipment Companies, and other community service-based organizations

1. Provide for the registration of clients who have special needs during emergencies or disasters.
2. Provide staff and medical supplies in support of special needs clients as required by statute.
3. Provide staff and life supporting equipment in support of PSN shelter operations.
4. If possible coordinate ongoing medical management of clients who have refused to evacuate.
5. Provide transportation assistance for inter-facility transfers of shelter residents, as needed, and as resources are available. (Para transit)

D. Area Social and Mental Health Agencies / Human Services Division

1. Assist and coordinate with all ESFs to ensure worker health and safety.
2. Assist and coordinate with the Department of Health and Family Services in providing mental health services to disaster victims.
3. Assist and coordinate with the lead agency and ESF #6 (Mass Care) in providing mental health services to shelter residents and staff.
4. Assist and coordinate staff in support of call down operations for the Special Needs Registry.
5. Assist in providing Community Outreach Services to disaster victims, as requested.
6. Identify and assign staff to support special needs shelter operations.
7. Sufficient staffing will be available 24-hours per day, seven days a week.
8. Staff not needed for special needs shelter operations, will be assigned to ESF-15 (Volunteers and Donations) for re-assignment to Family shelters, as needed.

E. Local Fire Departments and Ambulance Services

1. Provide emergency medical care and field treatment of injured.
2. Assist with medical care for People with Special Needs with serious medical problems.
3. Coordinate with ESF 1 (Transportation) in providing transportation as needed for People with Special Needs (PSN).
4. Report medical needs and impact assessment information to the EOC.

5. Implement procedures to ensure safety and care of emergency responders in accordance with SOPs.
6. Assist and coordinate with ESFs 4 (Fire Rescue), 9 (SAR) and 10 (HazMat) in providing emergency pre-hospital medical care in accordance with internal policies and medical protocols during search and rescue operations.
7. Assist and coordinate with the Emergency Medical Services designee and the hospitals in maintaining the integrity of the Orange County EMS system.
8. Ensure that SOPs pertaining to worker health and safety are followed.

F. Local Aero medical Services -

1. Transport non-ambulatory patients upon request of the ESF 8 (Health and Medical Unit) primary agency.

G. Local Hospitals

1. Assist and coordinate with ESF 8 to provide emergency hospital care.
2. Activate internal SOPs pertaining to worker health and safety.
3. Assist with recruiting volunteers to support medical services countywide.
4. Provide for triage and/or disposition of evacuees in accordance with responsibilities.
5. Coordinate patient relocation in the event of possible hospital closure.
Assist and coordinate shelter space for People with Special Needs, whose needs are above and beyond the capabilities of the Special Needs Shelters.
6. Coordinate activation of ACS Hospital sites with ESF-8.

H. Orange County Public Schools

1. Identify and assign school staff members to support special needs shelter operations.
2. Coordinate with ESF 11 (Food and Water) and ESF 6 (Mass Care) in providing food and water for special needs shelter residents. Schools are responsible for providing and preparing food for the first 72 hours.
3. Coordinate with ESF 6 and ESF 8 in identifying additional shelter space for people with special needs, as needed.

I. Para Transit Agencies – LYNX coordinates

1. Upon notification LYNX provides representation at the OCEOC and DOC and ensures appropriate staffing.
2. Transport PSN clients upon notification and in accordance with SOG.
3. Provide for the transportation of all medical staffing and supplies to area hospitals upon request of primary agency as needed.

III. Concept of Operations

A. General

1. As needed, special advisory groups of health/medical/social subject matter experts will be assembled and consulted by ESF 8.
2. ESF 8 "Field Operations Staff", will become the operational arm of ESF 8 and will activate the DOC. A listing of specific positions and contact numbers is included as an Attachment to the ESF 8 DOC Standard Operating Procedures (SOP).
3. The ESF 8 "Emergency Operations Center Staff" will support the DOC by providing communication to other ESF's, taking requests for service from other ESF's, updating and maintaining E-Team sitrep and duty logs as indicated and communicating with health service agencies as necessary for updates.
4. Situational awareness systems will include but not limited to FL-Health-Stat, , Essence, FDENS, OCALERT, , , Hurravac, Everbridge
5. ESF 8 will be organized under the leadership of the Health Services Department.
6. ESF 8 will establish liaison with other appropriate ESFs and maintain open communications with the ESFs in the planning, operational, and recovery phases.
7. The primary agency will organize ESF 8 in a manner that ensures a rapid response to public health and medical requirements and will coordinate all support agencies' activities.
8. Should a conflict arise between the primary agency and a support agency, the issue will be turned over to the EOC Supervisor for resolution.
9. The staff will be qualified persons able to facilitate decision making for their respective agency. The ESF 8 Team Leader at the DOC is responsible for all ESF 8 activities, subject only to the guidance and direction of the EOC Director of Emergency Management, EOC Supervisor, the policies of the Orange County CEMP and the EOC SOP.
10. Municipal agencies designated to perform or coordinate like functions for the municipality may work directly with this ESF at the OCEOC for resources and support.

B. Notification

1. Upon notification of EOC activation, provide appropriate representation to the OCEOC.
2. Implement 24-hour staffing plans and based upon severity of the disaster consider pre-staging personnel and resources.
3. Maintain roster of all support and coordinating agency contact persons, make necessary notifications, activate support agencies as necessary, and maintain ongoing communications to support mission assignments.
4. Notify all support and coordinating agencies to place resources on stand by and activate emergency contracts with vendors.
5. FL-Health-Stat will be used to notify all hospitals, EMS dispatch centers and other appropriate sites according to the ESF 8 Communications SOG.
6. Dispatch resources as needed including vehicles, personnel, and equipment.

7. Initial notification and pre-impact communications will take place using landline and cellular telephones, 800 MHz radios, pagers, FAX machines, and computers.
8. TDD/TTY devices or the Florida Relay System will be utilized to communicate with the hearing and speech impaired residents.
9. Interpreters, as well as bilingual staff, will be utilized to communicate with the non-English speaking population.
10. 800 MHz radios will be utilized to provide communications capabilities between local emergency medical providers and area hospitals.
11. UHF 450-470 MHz radios will be utilized in coordinating State emergency medical operations and will be the primary method of communication for all mutual aid responders and out-of-county emergency medical resources.
12. Communications between DOC and EOC will take place, using landline and cellular telephones, pagers, 800 MHz radios, FAX machines, and computers if operable.
13. 800 MHz radios, cellular phones, satellite phones, and pagers will be used to communicate with field units, the EOC, or the DOC in case of landline telephone failure.
14. ESF 2 (Communications) will provide RACES support to provide radio communications in the event Orange County Communications system failure.
15. Orange County Communications Auxiliary will supplement shelter and DOC communications.
16. Once personnel arrive at the emergency operations center, activate and log into electronic mission tracking system and hospital status system for ESF 8.

C. Mobilization

1. Assure that incident facilities and NIMS compliant reporting systems are established and maintained, review Standard Operating Procedures (SOP).
2. Notify primary, support, and coordinating agencies as to readiness and needs. Establish communication with field personnel, and obtain status reports, notify OCEOC as to the readiness of ESF.
3. Preposition assets and coordinate all Health and Medical support resources to assure maximum support during recovery operations, including transport of essential goods and persons into the impacted area.
4. Activate, manage, and staff PSN Shelters to include assigning physicians and nurses, coordinate the provision of medical equipment and supplies, and ensure continuous operation.
5. Provide staff support, medical equipment, supplies and pharmacy presence as needed to support operations such as PSN shelters, AMTS, mass prophylaxis and quarantine.
6. Stock and maintain supplies throughout the event or at minimum for a 72-hour period.
7. Monitor hospital and other critical health and medical infrastructures.
8. Implement public health surveillance (e.g., patterns, outbreaks, prevention) at hospitals, physicians' offices, EMS providers, and other healthcare sites.

9. Based upon the type of hazard, the magnitude and severity of disaster impacts, consider augmentation of medical care personnel at healthcare and public health sites (including when and from whom to ask for supplemental personnel)
10. Provide recommendations for protective actions, as conditions warrant, including assurance of disease control, which includes recommendations for prophylaxis of those at risk. This assurance is provided by direct assistance from ESF 8 and identification of additional resources outside the department to administer prophylaxis when the need exceeds departmental capacity. Other control efforts include recommendations for isolation and quarantine.
11. Begin planning for demobilization.

D. Response Phase

1. Each agency with field personnel will conduct a situation/impact analysis of the impacted area and provide an evaluation of the impact and the identification of resources needed to support response and recovery operations.
2. Continue surveillance and conduct assessment of public health and medical needs (including behavioral health, the health care system and infrastructure) and identification of available resources.
3. Control communicable/infectious diseases and outbreaks of disease (including food borne outbreaks:
 - a) Conduct surveillance and epidemiologic assessment including the detection, epidemiologic assessment, and analysis (coordination of laboratory testing) of disease occurrence and spread. These efforts span the investigation of factors that could lead to food borne and/or water borne illnesses, emerging infections, other infectious diseases and public health emergencies as outlined in "Situations".
4. Provide recommendation for protective actions based upon public health threats and conditions including evacuation, quarantine and isolation, decontamination, recommendations for prophylaxis with antibiotics or vaccine and other disease/health control measures.
5. Provide medical pharmaceuticals, equipment, and supplies (e.g., prophylaxis, medical supplies, blood and blood products, human drugs, biologics, medical device and veterinary drugs.)
6. Provide for the secure storage of medical records during and after use in PSN shelters.
7. Coordinate with fire and EMS agencies should evacuation of residential health care facilities be required.
8. Coordinate with Orange County Animal Services for the care of service animals in the PSN and FNSS shelters.
9. Provide education and communication on health related information and recommendations to the public and the medical sector (including hospitals) about the emergency through the JIC. In particular ESF 8 will communicate general risk by translating the situation for the general public and explain how the situation affects people and animals.

10. In coordination with hospital and healthcare facilities, support the evacuation of facilities that are threatened or damaged due to a disaster impact. The primary agency may provide resources, technical expertise, and support placement activities of patients.

11. Test potable water/wastewater and solid waste for chemical, biological, and other contaminants, which may threaten public safety.

12. Recover, remove, collect, identify, process the dead and their personal effects.

E. Short Term Recovery Phase

1. Procedures initiating recovery and mitigation activities may occur simultaneously with the emergency response phase.

2. All Orange County primary, support, and coordinating agencies will conduct a comprehensive damage assessment of resources and facilities in compliance with Federal Emergency Management Agency (FEMA) requirements. The primary and support agencies of this ESF will coordinate with ESF 3 where structural expertise is required to ensure the safety of all transportation systems. The damage assessment results will be reported to the primary agency.

3. Coordinate with appropriate agencies and organizations to ensure the safe disposal of contaminated materials.

4. Coordinate the inspection, testing, assessment, transport, and disposal of contaminated food and agricultural animals in coordination with the appropriate agencies and organizations.

5. Coordinate ESF 8 status information with ESF 5 for distribution to ESFs in the OCEOC and other responding organizations and the Joint Information Center.

6. Provide supportive mental health counseling for the disaster victims, family members of victims, and disaster workers.

F. Mitigation Requirements

1. All Orange County primary, support, and coordinating agencies will incorporate the evaluation of mitigation initiatives during the damage assessment of resources and facilities. The primary and support agencies of this ESF will coordinate with ESF 3 to evaluate alternatives for repairing and reconstructing infrastructure components to be more disaster resistant.

G. Demobilization

1. Each primary and support agency should assure that necessary operating facilities and reporting systems are deactivated and resources demobilized.

2. Notify the EOC of the ESF8 status of incident facilities and resources.

3. Schedule debriefing session with all response personnel and monitor physical and mental health in the short term and long-term recovery process.

4. Conduct post event evaluation of response and recovery missions; update plans and procedures as necessary.

IV. Resource and Logistics Management

A. Resource Management Policies:

1. Under a state of emergency, all resources owned by the Board of County Commissioners can be deployed by the Primary or Support Agency responsible for these resources.
2. The cost of resource deployments is absorbed within existing budgets of each department and appropriate documents for financial reimbursement must be maintained by each agency as detailed in the financial management section of the Basic Plan.
3. If a federal disaster declaration is issued, the eligible costs associated with response and recovery operations may be reimbursed through Federal Emergency Management Agency reimbursement funds as detailed in the Financial Management Section of the Basic Plan.
4. Resource management objectives will incorporate the following: personnel, equipment, training and exercise, facilities, funding, expert knowledge, materials, and the time frames within which they will be needed; and quantity, response time, capability, limitations, cost, and liability connected with using the involved resources.
5. Mutual Aid: ESF 8 will coordinate for the provision of all mutual aid resources to requesting parties outside of the county upon direction of the Emergency Management Director in accordance with appropriate resource management procedure, available assets, and in accordance with the Statewide Mutual Aid Agreement.
6. The Orange County Health Services Dept. is responsible for monitoring financial issues involving their agency and their support agencies under ESF 8 to ensure these agencies have the funds on hand to adequately respond to a disaster and/or emergency. In the event that Federal reimbursement becomes available, ESF 8 will work with their support agencies to insure reimbursement of costs.
7. As the primary agency for ESF 8, the Orange County Health Services Dept. will insure that they will meet regularly with their support agencies to pass on critical information and maintain interagency networking and communications.
8. The primary and each support agency have numerous resources available for deployment in an emergency or disaster situation. A detailed listing of each agency's resources can be found as an attachment to the ESF 8 Field Operations Center (DOC) Standard Operating Procedures (SOP).
9. Requests for assistance will be coordinated and accepted by appropriate ESFs when necessary.
10. Resources will be provided using Primary and Support agency authorities and capabilities and coordination with other ESFs as needed.
11. Available resources will be allocated based upon established priorities and requests for additional resources will be through appropriate channels established by the Orange County EOC.
12. Municipal and other ESF requests for emergency support or disaster assistance will be coordinated through the ESF 8 representative at the EOC.

13. Priority conflicts will be directed to the EOC Operations Desk Manager / EOC Supervisor for resolution.
14. Assets critical for the first twelve (12) hours of operations will be medical response personnel, necessary medical supplies and equipment, transportation, logistical and administrative support and communications systems support.
15. The principal requirements will be:
 - a) Alert and deployment of the Health Services Department's Disaster Core Staff and other necessary ESF 8 personnel.
 - b) Medical supplies (including pharmaceutical and biological products) and equipment necessary to replace those damaged or destroyed. Additionally, re-supply will be required for supporting military medical units and local medical units providing patient care.
 - c) Transportation support for patient relocation, deployment of personnel, delivery of resources, and support of other ESFs.
 - d) Logistical and administrative support for staffing the EOC and DOC as needed.
16. Additional resources available through other ESFs may be coordinated and mobilized to support ESF 8 missions.
17. When requests begin to exceed the ESF's capability to respond, requests will be forwarded through the county EOC to ESF 8 at the State EOC to mobilize additional resources through the State CEMP.
18. All personnel and resources mobilized by ESF 8 will remain under the direction and control of the ESF, unless otherwise notified.
19. Regional Medical Response Teams (RMAT) or State Medical Response Teams (SMRT) may be mobilized and deployed by ESF 8 to assist in local and regional response operations.
20. The resources required for the initial 12 hours will also be required for continuing operations. These may increase or decrease depending on conditions. The discovery of previously undetected hazards, damage, and conditions may necessitate additional resources.

B. Resource Typing

1. Inventory. The primary agency for ESF 8 and each support agency will maintain a current inventory of internal and external resources in compliance with NIMS resource typing standards. This will allow for the expeditious identification and procurement of external resources and assistance.
 - a) Personnel:
 - (1) Regional Medical Response Team (RMAT) local control
 - (2) SMRT 5 – State Medical Response Team, Region 5 (local control)
 - (3) Medical Reserve Corps. MRC (local control)
 - (4) 3 SpNS Shelter Teams: as defined in the SpNS SOP (local control)
 - (5) 21 Pharmaceutical Point of Dispensing (POD) Teams: as defined in the FDOH-ORC Mass Prophylaxis Plan (local control)
 - (6) Medical Examiner (local) and FEMORS (State Control)

- (7) Environmental Assessment Teams (local control)
- (8) Epidemiology Response Team (local control)
- (9) Behavioral Health Assessment Team (local control)

b) Equipment & Materials: Teams should be equipped with necessary staff and equipment. Equipment should include a full or partial SMRT equipment cache properly managed, stored, and inventoried per SMRT requirements. Ensure all vehicles are properly maintained and available for use during an emergency.

- (1) 120 Ambulances (ALS)
- (2) 3 PSN Shelter Kits (2 enhanced)
- (3) 10 POD Kits
- (4) 4 EMS Chempacks
- (5) 1 SMRT Cache
- (6) 1 Medical Surge Cache
- (7) Pandemic Flu Cache
- (8) Pharmaceutical Cache
- (9) Mobile Medical Communications (SMRTCOM)

c) Incident Facilities: Staging areas, triage areas, morgue, PSN shelters. Establish security and ensure the availability of adequate care, sanitation, and first aid.

- (1) 12 Hospitals (1 Pediatric Trauma Center, 1 Adult Trauma Center, 1 dedicated children's hospital)
- (2) Adult Living Facilities
- (3) Nursing Homes
- (4) Assisted Living Facilities
- (5) Independent Living Facilities
- (6) 3 Special Needs Shelters
- (7) 10 Drive through Points of Dispensing
- (8) 1 Closed POD Dispensing
- (9) Alternate Medical Treatment Sites
- (10) Primary DOC: Orange County Health Services Building
- (11) Secondary DOC: Florida Department of Health in Orange County Executive Offices

C. Training and Exercise

1. Training:

- a) It is the responsibility of each agency to assess, develop, and implement a training program for all personnel assigned responsibilities in this ESF.
- b) It is the responsibility of each agency to coordinate and track compliance with NIMS related training.
- c) Each agency must ensure that sufficient personnel are trained to perform their assigned duty on a 24-hour basis and that all key positions have a depth of three persons.

d) Training must be conducted for public, private, non profit, and volunteer personnel.

2. Exercise:

a) In coordination with the Orange County Office of Emergency Management, the Primary agency will annually participate in at least one HSEEP compliant drill or exercise to test response and/or recovery responsibilities related to this ESF.

b) Each ESF will assist in the development, review, and program enhancements outlined in the HSEEP compliant post exercise improvement plan and develop after an action report in compliance with the ESF 8, After Action Report Process.

D. Vendor Agreements

Annually the lead agency updates vendor agreements for the following supplies and services: medical equipment, linens, oxygen, pharmaceuticals, pharmacists, facilities, private business. These agreements may be viewed at the Health Services/EMS Medical Director office.

V. References / Authorities

Each Orange County Office of Emergency Management Primary and Support Agency is required to develop, coordinate, and implement operational procedures to support their assigned responsibilities. All operations will be conducted under the National Incident Management System and are written using a nationally accepted format (National Response Framework).

A. . The following are the ESF 8 policies and procedures:

1. ESF 8 DOC Standard Operating Procedures (SOP).
2. Orange County Comprehensive Emergency Management Plan.
3. State Comprehensive Emergency Management Plan.
- 4.
5. Orange County Mental Health Disaster Response Plan.
6. Orange County Health and Medical (ESF 8) Profile.
7. Orange County Medical Examiner's Office Emergency Response Plan, September 2003.
8. Orange County EMS Policy & Procedures: Major Medical Communications, Number 014.2.
9. Orange County EMS Policy & Procedures: Multi-Casualty Incidents (MCI), Number 021.2.
10. Orange County EMS Policy & Procedures: WMD Emergency Operating Procedures, Number 021.3.
11. District Nine Medical Examiner's Office Mass Fatalities Plan, March 22, 2001.
12. Florida Department of Health in Orange County Emergency Operations Plan.
13. Florida Disaster Response Plan for Hospitals,
14. State of Florida ESF 8 – Health and Medical Services Disaster Behavioral Health Response (DBHR) Standard Operating Procedures.
15. Florida Department of Health Pre-Hospital Planning Emergency Medical Response,
- 16.
17. Statewide Catastrophic Incident Response Strategy.
18. Orange County Alternate Medical treatment Site Plan
19. Region 5 Catastrophic Health Incident Response Plan
20. Region 5 Hospital Response Plan

Emergency Support Function #9: Search and Rescue

Primary Agency: Orange County Fire Rescue

Support Agencies: American Red Cross
Central Florida Urban Search and Rescue Task Force
LYNX
Orange County Emergency Medical Services Office
Orange County Utilities Dept.
Orange County Sheriff's Office

Coordinating Organizations:

Public Works Dept.
Maitland Fire Dept.
Orlando Fire Dept.
Reedy Creek Fire Dept.
Winter Garden Fire Dept.
Winter Park Fire Dept.
Apopka Fire Dept.
GOAA Fire Dept.
Ocoee Fire Dept.

I. Introduction

A. Purpose & Scope

The purpose of this Emergency Support Function (ESF) #9 is to summarize responsibilities associated with locating, rescuing, extricating, and treating victims who may be trapped or injured as a result of a disaster condition. This function will plan for and coordinate the use of specialized search and rescue resources following a disaster.

B. Policies

1. Plan, coordinate, and conduct and implement search and rescue operations in disaster impacted areas in accordance with established procedures based upon life safety and available resources.
2. Coordinate, allocate, and prioritize public and private search and rescue resources to include personnel, equipment, materials, and, services within the impacted area.
3. Provide for the safety and health of all emergency personnel by providing logistical support, food, shelter, and medical care. ESF #9 will interface with ESF #6 (Mass Care) for shelter; ESF #8 (Health and Medical) and ESF #11 (Food and Water).
4. Coordinate with other ESFs for the efficient medical treatment and transportation of victims.

5. Coordinate with the ESF #8 (Health and Medical) for the identification and transport of fatalities.
6. Perform necessary actions to assist with rapid impact assessment during recovery operations.
7. Establish staging areas and logistical support bases for requested mutual aid resource in support of Search and Rescue operations.

C. Planning Assumptions / Limitations / Resource Limitations

1. All County Urban Search and Rescue assets under the control of the Board of County Commissioners shall be made available to ESF #9 upon implementation of the Comprehensive Emergency Management Plan (CEMP).
2. Initial responding personnel may be overwhelmed by calls for service, geographic extent of damage and the severity of the disaster. Additional resources may be necessary.
3. Damaged areas will be restricted and not readily accessible except in some cases by air.
4. Secondary events or disaster will threaten survivors as well as Search and Rescue personnel.

II. Organization and Responsibilities

This section identifies the responsibilities for each primary, support, and coordinating agency. Procedures, checklists, and job aids for implementing these responsibilities should be detailed in agency specific Standard Operating Procedures / Guidelines.

A. Primary Agency

Orange County Fire Rescue Department will be the primary agency. The primary agency of ESF #9 serves as the Unit Leader under the Operations Section. This Unit reports directly to the Operations Section Chief (EOC Operations Desk Manager/EOC Supervisor).

1. Lines of Succession

The following is the line of succession of individuals with responsibility for coordination, control, and continuity of ESF #9 during an emergency: ESF 4/9 desk position is assigned by the Chief and is not tied to a specific individual or position.

2. EOC Representative

The Fire Chief is designated as the primary contact and shall staff the Emergency Operations Center (EOC) upon notification and ensure 24-hour staffing coverage.

3. ESF Coordinator Responsibilities

- a) The Primary Agency's ESF Coordinator will prioritize missions in coordination with the Operations Section Chief (EOC Operations Desk Manager/EOC Supervisor) based on life safety, incident stabilization and protection of property for the response to and recovery from the consequences of identified hazards.
- b) Annually, review and update SOG, train all personnel to fulfill their assigned responsibilities in accordance with Orange County Fire Rescue Department Rules, Standard Operating Procedures, Emergency Operating Guidelines, the Florida Fire Chief's Association requirements, and the National Incident Management System.
- c) Either once every four years or upon request of the Emergency Management Director, review this ESF Annex and forward revisions to the Orange County Office of Emergency Management.
- d) Manage and coordinate search and rescue response activities including: conducting physical search and rescue in collapsed structures, providing emergency medical care to trapped victims, conducting waterborne rescue, wilderness search and rescue, extracting trapped victims, assessment and control of gas, electricity, water, and hazardous materials, and evaluating and stabilizing damaged structures in accordance with all Standard Operating Procedures and Emergency Operating Procedures.

B. American Red Cross of Central Florida

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
2. As the primary agency for ESF #6, the American Red Cross will assist in the feeding and sheltering needs of ESF #9 personnel.

C. Central Florida Urban Search and Rescue Task Force

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
2. The Central Florida USAR Task Force serves as the lead group in executing USAR missions in Central Florida.

D. LYNX

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.

2. As the primary agency for ESF #1, LYNX will support ESF #9 in coordinating the transporting personnel and equipment to and from an incident location.

E. Orange County Emergency Medical Services Office

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
2. Orange County EMS Office as the primary agency for ESF #8 will assist ESF #9 with medical and health issues involving ESF #9 personnel and victims and will serve as a point of contact for notification of the Orange County Medical Examiner's Office.

F. Orange County Utilities Department

1. Assist ESF #9 in procuring heavy equipment to assist in USAR missions.

G. Orange County Public Works Department

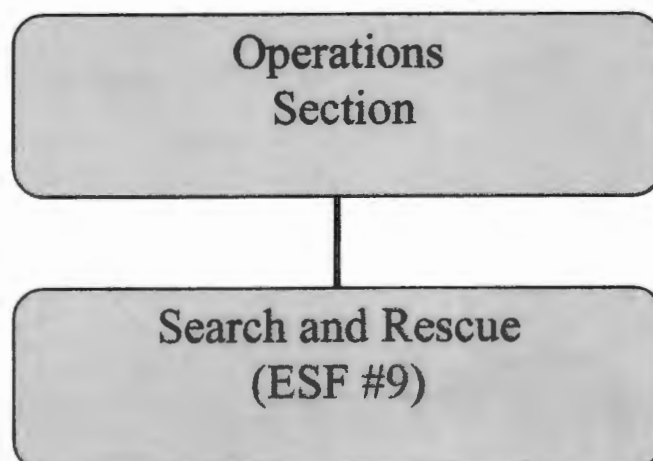
1. Assist ESF #9 in procuring heavy equipment to assist in USAR missions.

H. Orange County Sheriff's Office

1. Provide scene security, traffic control in support of search and rescue operations.
2. Provide vehicle/apparatus escorts into disaster impacted areas as necessary.
3. Provide waterborne and wilderness search and rescue teams.

I. Municipal Fire Departments

1. The municipal fire departments will assist Orange County Fire Rescue in the realm of trained personnel and dedicated equipment to fulfill USAR missions.



III. Concept of Operations

A. General

1. Orange County Fire Rescue Department as the primary agency will coordinate search and rescue operations through the appointment of a Search and Rescue Officer and in coordination with other area Fire Departments.
2. Resources from support agencies and activation of the Florida Fire Chiefs Association Fire Rescue Disaster Response Plan will be assigned to Search Sectors based on reconnaissance information.
3. ESF #9 will respond to requests for local search and rescue operations assistance. It is anticipated that the municipalities will initiate the majority of requests for search and rescue operations resources.

B. Notification

1. Upon notification of EOC activation, provide appropriate representation to the OCEOC.
2. Implement 24-hour staffing plans and based upon severity of the disaster consider pre-staging personnel and resources.
3. Maintain roster of all support and coordinating agency contact persons, make necessary notifications, activate support agencies as necessary, and maintain ongoing communications to support mission assignments.
4. Notify all support and coordinating agencies to place resources on stand by and activate emergency contracts with vendors.
5. Dispatch resources as needed including vehicles, personnel, and equipment.
6. Once personnel arrive at the emergency operations center, activate and log into electronic mission tracking system for ESF.

C. Mobilization

1. Assure that incident facilities and NIMS compliant reporting systems are established and maintained, review current Standard Operating Procedures (SOP) and Emergency Operating Procedures (EOP) that apply.
2. Notify primary, support, and coordinating agencies as to readiness and needs. Establish communication with field personnel, obtain status reports, and notify OCEOC as to the readiness of ESF.
3. Preposition assets and coordinate all Search and Rescue support resources to assure maximum support during recovery operations, including transport of essential goods and persons into the impacted area.

4. Identify high-risk areas/buildings and develop a pre-plan for emergency operations at each of the identified sites.

D. Response Phase

1. Each agency with field personnel will conduct a situation/impact analysis of the impacted area and provide an evaluation of the impact and the identification of resources needed to support response and recovery operations.
2. Establish and maintain ongoing communication and coordination with appropriate field personnel and supporting organizations.
3. Conduct initial assessment and identify impacted areas/buildings post-impact.
4. Establish work zone safety area, monitor atmospheric and environmental conditions in the incident area and within all confined spaces prior to entry. Unacceptable levels of contaminants must be mitigated to protect responders at all times and in accordance with OSHA Regulation 29 CFR 146.
5. Unified Command will prioritize and develop strategies for the initial response through the Incident Action Plan to include: conducting physical search and rescue in collapsed structures, providing emergency medical care to trapped victims, waterborne and wilderness search and rescue, extracting trapped victims, assessment and control of gas, electricity, water, and hazardous materials, and evaluating and stabilizing damaged structures.
6. Area Command may be established to incident action objectives in compliance with current procedures for Incident Command System.
7. Coordinate with law enforcement resources to secure and restrict entry into unsafe and damaged areas.
8. Relay operational information to the EOC.
9. Assure uniform application of Search and Rescue procedures, .
10. Continually monitor situation status to detect any change that would necessitate evacuation or other measures to effectively respond to and recover from the incident.
11. Track and control the movement of Search and Rescue personnel in accordance with the established procedures for the Personnel Accountability System.
12. Order evacuations as necessary

E. Short Term Recovery Phase

1. All search and rescue operations should be completed prior to recovery operations.
2. Procedures initiating recovery and mitigation activities may occur simultaneously with the emergency response phase.
3. All Orange County primary, support, and coordinating agencies will conduct a comprehensive damage assessment of resources and facilities in compliance with the Federal Emergency Management Agency (FEMA) requirements. The primary and support agencies of this ESF will

coordinate with the appropriate OCERT member where structural expertise is required to ensure the safety of all transportation system. The damage assessment results will be reported to the primary agency.

4. Coordinate ESF #9 status information with ESF #5 for distribution to ESFs in the OCEOC and other responding organizations.

F. Mitigation Requirements

All Orange County primary, support, and coordinating agencies will incorporate the evaluation of mitigation initiatives during the damage assessment of resources and facilities. The primary and support agencies of this ESF will coordinate with the appropriate OCERT member to evaluate alternates for repairing and reconstructing infrastructure components to be more disaster resistant.

G. Demobilization

1. Each primary and support agency should assure that necessary operating facilities and reporting systems are deactivated and resources demobilized.
2. Notify the EOC of the ESF #9 status of incident facilities and resources.
3. Monitor physical and mental health in the short term and long-term recovery process.
4. Conduct post event evaluation of response and recovery missions, update plans and procedures as necessary and in accordance with current Post Incident Analysis SOP.

IV. Resource and Logistics Management

A. Resource Management Policies

1. Under a state of emergency, all resources owned by the Board of County Commission can be mobilized by the Primary or Support Agency responsible for these resources.
2. The cost of resource utilization is absorbed within existing budgets of each Department and appropriate documents for financial reimbursement must be maintained by each agency as detailed in the financial management section of the Basic Plan.
3. If a federal disaster declaration is issued, the eligible costs associated with response and recovery operations may be reimbursed through Federal Emergency Management Agency reimbursement funds as detailed in the Financial Management Section of the Basic Plan.
4. Resource management objectives will incorporate the following: personnel, equipment, training and exercise, facilities, funding, expert knowledge, materials, and the time frames within which they will be needed; and quantity, response time, capability, limitations, cost, and liability connected with using the involved resources.

5. Mutual Aid: ESF #9 will coordinate for the provision of all mutual aid resources to requesting parties outside of the county upon direction of the Emergency Management Director in accordance with appropriate resource management procedure, available assets, and in accordance with the Statewide Mutual Aid Agreement and the Florida Fire Chiefs Association, State Emergency Response Plan. The County Coordinator in the Statewide Fire-Rescue Disaster Response Plan is the Fire Chief.
6. The Fire Chief is responsible for maintaining a list of personnel, vehicles, resources, and equipment that will be available for Search and Rescue operations.

B. Resource Typing

1. Inventory. The primary agency for ESF #9 and each support agency will maintain a current inventory of internal and external resources in compliance with NIMS resource typing standards. This will allow for the expeditious identification and procurement of external resources and assistance.

a) Personnel and Teams:

- (1) Air Search Team (Fixed-Wing) (Type I,II, III, IV)
- (2) Airborne Reconnaissance (Fixed-Wing)(Type I,II, II
- (3) Canine Search and Rescue Team – Land Cadaver Air Scent (Type I,II, III, IV, other)
- (4) Canine Search and Rescue Team – Water Air Scent (Type I,II, III, IV, other)
- (5) Canine Search and Rescue Team – Wilderness Air Scent (Type I,II, III, IV, other)
- (6) Canine Search and Rescue Team – Wilderness Tracking/Trailing (Type I,II, III, IV, other)
- (7) Collapse Search and Rescue Teams(Type I,II, III, IV)
- (8) Swiftwater/Flood Search and Rescue Team(I, II, III, IV)
- (9) US&R Incident Support Team (I, II)
- (10) US&R Task Forces (I, II, III, IV)
- (11) Wilderness Search and Rescue Team (Type I, II, III, IV)

- b) The Federal Emergency Management Agency (FEMA) has 28 US&R teams throughout the United States. Response time to Orange County for a FEMA US&R team is 24 hours with a no notice event. With advance notice, these team may be pre-staged and deployed within 5 hours.

C. Training and Exercise

1. Training

- a) It is the responsibility of each agency to assess, develop, and implement a training program for all personnel assigned responsibilities in this ESF.
- b) It is the responsibility of each agency to coordinate and track compliance with NIMS related training.
- c) Each agency must ensure that sufficient personnel are trained to perform their assigned duty on a 24-hour basis and that all key positions have a depth of three persons.
- d) Training must be conducted for public, private, non profit, and volunteer personnel.
- e) Credentialing of all emergency response personnel will be coordinated through the DSFM and accomplished in accordance with the standards established by the National Fire Service Responder Credentialing System (NFSRCS).
- f) Training will be based on minimum competencies for specific functions and/or positions. As a minimum the following training will be required of responding members:

- (1) Firefighters/Company Officers – NIMS IS 100 and 700
- (2) Team Leaders – NIMS IS 100, 200 and 700
- (3) Liaisons and command officers will be required to have all the above training plus; I-300, I-400/402, and IS 800.

- g) Personnel assigned to an EOC must also have the SEOC training provided annually by the FFCA and the Florida DEM. Additional training will be specified in Position Descriptions (to be drafted later) to include but not limited to:

- (1) Communications Technician
- (2) Communications Unit Leader
- (3) Hazardous Materials Technician
- (4) Public Information Officer
- (5) Strike Team Leader (Statewide Emergency Response Plan Page 13 of 69 2007)
- (6) US&R Task Force positions
- (7) Wildland Firefighter

2. Exercise

- a) In coordination with the Orange County Office of Emergency Management, the Primary agency will annually participate in at least one HSEEP compliant drill or exercise to test response and/or recovery responsibilities related to this ESF.
- b) Each ESF will assist in the development, review, and program enhancements outlined in the HSEEP compliant post exercise improvement plan.

V. References / Authorities

A. Each Orange County Office of Emergency Management Primary and Support Agency is required to develop, coordinate, and implement operational procedures to support their assigned responsibilities. All operations will be conducted under the National Incident Management System and are written using a nationally accepted format. The following agencies have listed their policies and procedures:

1. Florida Fire Chiefs Association State Emergency Response Plan.
2. Orange County Fire Rescue –SOP EOP 20 – Confined Space Rescue.
3. Orange County Fire Rescue –SOP EOP 22 – Structural Collapse Rescue.
4. Orange County Fire Rescue –SOP EOP 23 – Trench Rescue.
5. Orange County Fire Rescue –SOP EOP 21 – Rope Rescue.

Emergency Support Function #11: Food and Water

Primary Agency: Salvation Army of Orange and Osceola Counties

Support Agencies: LYNX
American Red Cross
Orange County Administrative Services Department
Orange County Sheriff's Office
Orange County Department of Health and Family Services

Coordinating Organizations:
Orange County Public Schools
Volunteer Organizations Active in Disaster (VOAD)
Cooperative Extension Services
Florida Department of Children and Family Services

I. Introduction

A. Purpose & Scope

The purpose of this Emergency Support Function (ESF) #11 is to identify food, water, and ice needs in the aftermath of a disaster or emergency, obtain the emergency relief resources, and transport resources to the disaster impacted area.

B. Policies

1. To provide emergency relief supplies including food, water, and ice to disaster victims utilizing congregate feeding sites, mobile feeding units, and Points of Distribution as determined by the county.
2. Support emergency housing/shelter operations by providing logistical support to include food, water, and sanitation as needed.
3. Based on incoming information, prioritize the most devastated area first with basic emergency relief supplies.

C. Planning Assumptions / Limitations / Resource Limitations

1. All County Food and Water assets under the control of the Board of County Commissioners shall be made available to ESF #11 upon implementation of the Comprehensive Emergency Management Plan (CEMP).
2. There will be a significant disruption of municipal water supplies and other water sources may be unusable or contaminated.
3. Thousands of evacuees may be lodged in shelters throughout the county.



4. Normal food processing and distribution capabilities will be disrupted in the affected area.
5. As a result of the power outages, many commercial cold storage and freezer facilities within the affected area will be inoperable.
6. Shelters should have sufficient food and water supplies for 72 hours operation after a disaster.
7. An immediate human needs assessment and condition of the infrastructure will be reported by ESF #6 and ESF #19s Damage Assessment Teams to assist in the prioritization of the most impacted disaster areas.
8. Large bulk shipments of food supplies purchased, solicited, or donated will be coordinated with this ESF. In coordination with external resources, donations of non-perishable food items will be sorted and palletized for coordination and distribution.

II. Organization and Responsibilities

This section identifies the responsibilities for each primary, support, and coordinating agency. Procedures, checklists, and job aids for implementing these responsibilities should be detailed in agency specific Standard Operating Procedures / Guidelines.

A. Primary Agency

The Salvation Army of Orange and Osceola Counties serves as the primary agency of ESF #11 serves as the Food and Water Unit Leader under the Logistics Section. This Unit reports directly to the EOC Operations Desk Manager/Logistics Section Chief.

1. Lines of Succession

The following is the line of succession of individuals with responsibility for coordination, control, and continuity of ESF #11 during an emergency: Salvation Army EOC Liaison, Director of Operations.

2. EOC Representative

The EOC Liaison of The Salvation Army is designated as the primary contact and shall staff the Emergency Operations Center (EOC) upon notification and ensure 24-hour staffing coverage.

3. ESF Coordinator Responsibilities

- a. Will prioritize missions in coordination with the EOC Operations Manager or EOC Supervisor/Logistics Section Chief based on life



safety, incident stabilization and protection of property for the response to and recovery from the consequences of identified hazards.

- b. Annually, review and update SOG, train all personnel to fulfill their assigned responsibilities in accordance with their Standard Operating Procedures/Guidelines and the National Incident Management System.
- c. Either once every four years or upon request of the Emergency Management Director, review this ESF Annex and forward revisions to the Orange County Office of Emergency Management.
- d. Establish communication liaison with the ESF #11 (Food and Water) Unit at the State EOC, the ESF #6 (Mass Care Unit), the ESF #15 (Volunteers and Donations Unit), and Points of Distribution.
- e. Provide oversight coordination for the implementation of this ESF.
- f. Monitor and coordinate the acquisition, distribution and transportation of food, including bulk food items, water, and ice supplies to distribution sites, and mass feeding sites countywide including municipal jurisdictions.
- g. Assess warehouse needs to ensure ongoing supplies and maintain an inventory of supplies purchased, donated, and stored within the county.
- h. Maintain a list of private food vendors to supplement U.S. Department of Agriculture food stocks. Coordinate closely with the ESF #7 (Resource Support Unit) to ensure resources from local vendors are employed to the maximum extent possible.
- i. Forward location of activated distribution points to ESF #5 Planning and Information and ESF #14 (Public Information / for publication.
- j. Provide daily information to ESF #5 Planning and Information on the amount of food used and types of food needed.
- k. Provide input to the determination for the need for food stamps working with service providers. If needed, request State ESF #11 (Food and Water Unit) (DCF) to make food stamps available. Continue to monitor food supply needs in the community.
- l. Coordinate with American Red Cross to feed at set congregate sites. Develop a plan of operations that will ensure timely distribution of food supplies to mass care locations on an as needed basis.
- m. Coordinate information related to food delivery to qualified recipients of Meals on Wheels.
- n. Provide information as required to the ESF #5 (Planning Section) to include into situation reports and the Incident Action Plan (IAP).

B. LYNX

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
2. Coordinate transportation of food and water to the disaster affected areas, warehouses, feeding sites, and pantry locations.
3. Provide fuel in support of feeding operations as available.



C. American Red Cross

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
2. Assist with food soliciting and purchasing of food supplies for mass care feeding operations and mobile feeding sites as detailed in ESF #6 and coordinate actions with ESF 11.

D. Orange County Purchasing and Contracting Division

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
2. Purchase food, water, and ice for mass distribution throughout the impacted community.

E. Orange County Sheriff's Office

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
2. Provide security at distribution sites and staging areas designated for the storage and/or distribution of emergency relief supplies including food, water, and ice.
3. Upon request, and as resources allow, provide escort services during the transport of emergency relief supplies.

F. Volunteer Organizations Active in Disaster (VOAD)

1. Assist primary agency with the distribution of bulk household food supplies.
2. Provide support in obtaining inventories of available food supplies.
3. Provide personnel to support warehousing and distribution operations.

G. Orange County Department of Health and Family Services

1. Identify and provide resource support to persons with special needs and shut ins.

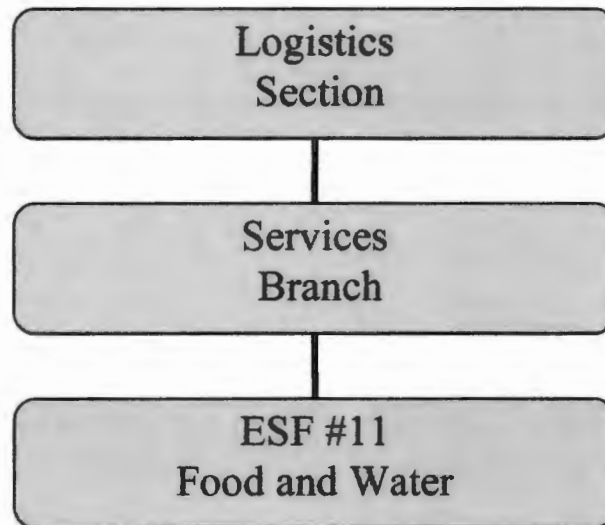
H. Florida Department of Children and Family Services

1. Activate, administer food stamp program in the aftermath of a large scale disaster and coordinate information with primary agency.



I. Public Utilities Department

1. Provide and transport bulk water resources to locations identified by the primary agency.



III. Concept of Operations

A. General

1. ESF #11 will operate under existing County, State and Federal law as specified in Public Law 93-288, as amended, and the Comprehensive Emergency Management Plan (CEMP), to provide disaster work supplies to the designated staging areas and mass feeding sites.
2. All requests for food and water will be processed through ESF #11.
3. Information on the number of people in need of food and water and priorities areas will be obtained from ESF #6 and other ESFs/ECOs in the field. ESF #5, ESF #14, and 311 may support prioritization of geographic locations through INFOMAP Secure.
4. Staff from ESF #11 will be sent into the affected areas to access the effectiveness of the food distribution network and to address problems. Staff will coordinate with county officials and ESF #6 field staff to ensure ample and timely deliveries of emergency relief supplies including food and water.
5. ESF #11 will coordinate with ESF #20- Public Utilities for potable water. If needed a county representative from ESF #20 will be requested to join ESF #11 to help expedite and coordinate retrieving ample water and transporting water supplies utilizing water buffalos.



B. Notification

1. ESF primary agency will be notified via landline or cell phone and in turn will notify its support agencies by the same methods.
2. Upon notification primary and support agencies will provide sufficient personnel to staff their function 24-hours daily throughout the activation period. The staff will be qualified persons able to make decisions for the agency. Volunteers with subject knowledge and operations personnel are preferred.
3. The primary agency representative will serve as the Food and Water Unit Leader. The Food and Water Unit Leader will report directly to the EOC Operations Desk Manager/Logistics Section Chief.
4. Based upon severity of the predicted disaster, notify all support and coordinating agencies to place resources on stand by and the county will activate emergency contracts with vendors. Consider pre-staging personnel and resources at alternate locations in accordance with preparedness and COOP procedures.
5. Maintain roster of all support and coordinating agency contact persons, make necessary notifications, activate support agencies as necessary, and maintain ongoing communications to support mission assignments.
6. Dispatch resources as needed including vehicles, personnel, and equipment.
7. Once personnel arrive at the emergency operations center, activate and log into electronic mission tracking system for ESF.
8. All support and coordinating agencies must report to the primary agency. Primary agency personnel will provide daily direction, assignment of ESF personnel to requests for assistance, and ensuring that requests for assistance are met, documented and prioritized.
9. ESF #11 will establish liaison with other appropriate ESFs and maintain open communications with these ESFs in both the planning and operational phases.
10. All primary, support, and coordinating agencies will direct response and recovery resources in accordance with internal operating procedures.
11. Conflict among organization will be resolved the Logistics Section Chief/EOC Operations Desk Manager/EOC Supervisor.

C. Mobilization

1. Assure that incident facilities and NIMS compliant reporting systems are established and maintained, review Standard Operating Procedures (SOP).
2. Notify primary, support and coordinating agencies as to readiness and needs. Establish communication with field personnel, and obtain status reports, notify OCEOC as to the readiness of ESF.



3. Preposition assets and coordinate all food and water resources to assure maximum support during recovery operations, including transport of essential goods and persons into the impacted area.

D. Response Phase

1. Each agency with field personnel will assist in identifying the impacted area and provide an evaluation of those areas and the identification of resources needed to support response and recovery operations.
 - a) Inventory existing food and water supplies.
 - b) Identify the number of people in impacted areas and shelters in need of emergency relief supplies including food and water.
 - c) Monitor power outages for estimated emergency relief supply needs, quantities, and duration of re-supply needs.
 - d) Monitor water contamination in disaster affected areas and estimate ongoing needs and quantities for bulk supplies.
 - e) Assess ongoing warehouse space and needs for staging areas.
2. Supply Points of Distribution and staging areas for mobile feeding units for the distribution of emergency relief supplies including food, water, ice and other supplies if available.
3. Activate, staff, and operate warehouses for emergency relief supplies.
4. Coordinate with the State Emergency Operations Center and/or the Regional Logistics Staging Area for the supply and re-supply of emergency relief supplies.
5. Coordinate food donations with ESF 15 and incorporate into food distribution supplies and with ESF 6 mass feeding operations.
6. Monitor, track and coordinate the flow of bulk food and water supplies into the affected disaster area.
7. Coordinate mass feeding information with the Joint Information Center and the 311 services. All public information releases will be coordinated through the PIO Distribution site location, opening, and closing times will be provided through the media, County website, and 311 Call Center.

E. Short Term Recovery Phase

1. Procedures initiating recovery and mitigation activities may occur simultaneously with the emergency response phase.
2. All Orange County primary, support, and coordinating agencies will conduct a comprehensive damage assessment of resources and facilities in compliance with the Federal Emergency Management Agency (FEMA) requirements. The damage assessment results will be reported to the primary agency.
3. Coordinate ESF #11 status information with ESF #5 for distribution to ESFs in the OCEOC, other responding organizations,



4. Continue to monitor food and water needs and conduct response operations until traditional mechanisms of service delivery are re-established including utility and power system and grocery stores.
5. Assess special food concerns of the impacted areas and critical facilities such as hospitals and nursing homes.
6. In coordination with VOAD, support the logistical links with the local organizations involved in long term congregate feeding.

F. Mitigation Requirements

The primary agency will support public education activities which will enhance citizen preparedness before, during, and after a disaster.

G. Demobilization

1. Each primary and support agency should assure that necessary operating facilities and reporting systems are deactivated and resources demobilized.
2. Notify the EOC of the ESF #11 status of incident facilities and resources.
3. Schedule debriefing session with all response personnel and monitor physical and mental health in the short term and long-term recovery process.
4. Conduct post event evaluation of response and recovery missions; update plans and procedures as necessary.

IV. Resource and Logistics Management

A. Resource Management Policies

1. Under a state of emergency, all resources owned by the Board of County Commission can be deployed by the Primary or Support Agency responsible for these resources.
2. Maintain records of the cost of supplies, resources and man-hours needed to respond to the disaster event.
3. The cost of resource deployments is absorbed within existing budgets of each Department and appropriate documents for financial reimbursement must be maintained by each agency as detailed in the financial management section of the Basic Plan.
4. If a federal disaster declaration is issued, the eligible costs associated with response and recovery operations may be reimbursed through Federal Emergency Management Agency reimbursement funds as detailed in the Financial Management Section of the Basic Plan.
5. Resource management objectives will incorporate the following: personnel, equipment, training and exercise, facilities, funding, expert



knowledge, materials, and the time frames within which they will be needed; and quantity, response time, capability, limitations, cost, and liability connected with using the involved resources.

6. Mutual Aid: ESF 1 will coordinate for the provision of all mutual aid resources to requesting parties outside of the county upon direction of the Emergency Management Director in accordance with appropriate resource management procedure, available assets, and in accordance with the Statewide Mutual Aid Agreement.

B. Resource Typing

1. Inventory. The primary agency for ESF #11 and each support agency will maintain a current inventory of internal and external resources in compliance with NIMS resource typing standards. This will allow for the expeditious identification and procurement of external resources and assistance.
 - a) Personnel: Sufficient number of kitchen support personnel to support feeding operations, 2 – 4 kitchen supervisors, depending on size of event, drivers, maintenance personnel, fueling personnel.
 - b) Equipment & Materials: One mobile kitchen trailer, Ensure vehicles are properly maintained and available for use during an emergency.
 - c) Incident Facilities: County staging area, volunteer reception center, distribution sites, fueling sites.

C. Training and Exercise

1. Training

- a) It is the responsibility of each agency to assess, develop, and implement a training program for all personnel assigned responsibilities in this ESF. OEM hosts several training courses a year dedicated to the overall operation of the EOC.
- b) It is the responsibility of each agency to coordinate and track compliance with NIMS related training.
- c) Each agency must ensure that sufficient personnel are trained to perform their assigned duty on a 24-hour basis and that all key positions have a depth of three persons.
- d) Training must be conducted for public, private, non profit, and volunteer personnel.

2. Exercise

- a) In coordination with the Orange County Office of Emergency Management, the Primary agency will annually participate in at



least one HSEEP compliant drill or exercise to test response and/or recovery responsibilities related to this ESF.

- b) Each ESF will assist in the development, review, and program enhancements outlined in the HSEEP compliant post exercise improvement plan.
- c) Exercises involving ESF #11 should be scheduled several times a year to test the operational readiness and capabilities of ESF #11. These exercises will include tabletop, functional, and full-scale exercises.

V. References / Authorities

- A. Each Orange County Office of Emergency Management Primary and Support Agency is required to develop, coordinate, and implement operational procedures to support their assigned responsibilities. All operations will be conducted under the National Incident Management System and are written using a nationally accepted format. The following agencies have listed their policies and procedures:
 - 1. Standard Operating Procedure Manual for ESF #11 (Food and Water),
 - 2. Emergency Operations plan for the Salvation Army / Orange County Area Command.
 - 3. Florida and Emergency Operations Plan for the Salvation Army Disaster Services / Florida Division.
 - 4. Orange County Ice and Water Distribution SOP.



Emergency Support Function #12: Energy

Primary Agency: Duke Energy
Orlando Utilities Commission
TECO Peoples Gas System, Inc.
Lake Apopka Natural Gas District

Coordinating Agencies: Florida Public Service Commission
Florida Reliability Coordinating Council

I. Introduction

A. Purpose & Scope

The purpose of this Emergency Support Function (ESF) #12 is to outline policies for transportation fuel shortages, electrical power outages, and capacity shortage resulting from a disaster.

B. Policies

1. Assess damage to energy system and evaluate energy demand and supply.
2. Obtain additional fuel for response and recovery operations.
3. Support the conservation of fuel and energy supplies through public outreach campaigns.
4. Support the rapid restoration of energy system with consideration to priority locations.
5. Identify and allocate all local government interim energy sources to support continuation of critical services, countywide restoration efforts, and public buildings.

C. Planning Assumptions / Limitations / Resource Limitations

1. All County assets under the control of the Board of County Commissioners shall be made available to ESF #12 upon implementation of the Comprehensive Emergency Management Plan (CEMP).
2. The energy infrastructure is a critical component for the effective implementation of virtually all emergency functions.
3. There may be widespread and prolonged electrical power failure. With no electric power, communications will be affected and traffic signals will not operate, causing surface movement gridlock. Such outages will impact on other public health and safety services, including the movement of petroleum products for transportation and emergency power generation.

4. The primary agencies of this ESF, upon notification of a potential or actual electrical generating capacity shortage, or actual or potential fuel shortages, shall communicate and coordinate with State and local support agencies when prioritizing emergency support and energy restoration.
5. Energy disruptions will also directly affect the coordination and execution of emergency response and recovery activities throughout the affected area.
6. During extended electrical outages, water delivery systems and water pressure will be affected, potentially affecting facilities and critical agencies that are essential to public safety and health.
7. Back-up electrical generators and stored energy sources may provide temporary relief and assistance for a short period of time.
8. Energy availability will improve as infrastructure is repaired although localized distribution may remain unstable for a significant period of time.
9. The energy infrastructure must be sensitive and responsive to regional and national security related energy requirements.
10. Electrical restoration occurs based on a prioritized list.
11. Intentional energy interruptions may be necessary in order to respond to larger or unrelated emergency events.

II. Organization and Responsibilities

This section identifies the responsibilities for each primary, support, and coordinating agency. Procedures, checklists, and job aids for implementing these responsibilities should be detailed in agency specific Standard Operating Procedures / Guidelines.

A. Primary Agency

Duke Energy, Orlando Utilities Commission, TECO Peoples Gas System Inc. and Lake Apopka Natural Gas District serve as the primary agencies of ESF #12 serves as the Energy Unit Leader under the Logistics Section. This Unit reports directly to the Logistics Section Chief (EOC Operations Desk Manager) / (EOC Supervisor).

1. Lines of Succession

The following is the line of succession of individuals with responsibility for coordination, control, and continuity of ESF #12 during an emergency:
See Business Continuity Plan (BCP).

2. EOC Representative

The Duke Energy / Orange County Account Representative, Orlando Utilities Commission, TECO Peoples Gas and Lake Apopka Natural Gas District are designated as the primary contact and shall staff the

Emergency Operations Center (EOC) upon notification and ensure 24-hour staffing coverage.

3. ESF Coordinator Responsibilities

- a. The Primary Agency's ESF Coordinator will prioritize missions in coordination with Logistics Section Chief (EOC Operations Desk Manager/EOC Supervisor) based on life safety, incident stabilization and protection of property for the response to and recovery from the consequences of identified hazards.
- b. Annually, review and update SOG, train all personnel to fulfill their assigned responsibilities in accordance with their Standard Operating Procedures/Guidelines and the National Incident Management System.
- c. Either once every four years or upon request of the Emergency Management Director, review this ESF Annex and forward revisions to the Orange County Office of Emergency Management.
- d. Each primary agency will maintain a roster of their agency contact persons, make emergency notifications, and maintain ongoing communications to support mission assignments.
- e. Prioritize missions in coordination with the Director of Emergency Management based on life safety and protection of property and the Incident Action Plan.
- f. Once local resource capabilities have been exhausted, coordinate mutual aid and private vendor resource needs through the proper resource request procedure and maintain documentation for financial reimbursement.
- g. Coordinate the provision of all mutual aid resources pertaining to energy with requesting parties outside of the County, upon direction of the Emergency Management Director, in accordance with appropriate resource request procedure and available assets.
- h. Inform Emergency Management Director or designee of planning and preparedness actions taken, and maintain a continuing liaison to ensure assistance to all disaster victims.
- i. Conduct damage assessments of primary energy systems in accordance with SOPs.
- j. Review damage assessments of primary energy systems and natural gas providers in Orange County, to include electrical power, natural gas pipeline, and petroleum fuel supplies.
- k. In conjunction with the Director of Emergency Management, establish priorities for power restoration and identify essential sites requiring an alternative power supply. Assign generators in support of priorities established. Attachment A lists energy restoration priority locations.
- l. Coordinate with the ESF #1 (Transportation Unit) and the ESF #3 (Public Works Unit) on transporting fuel supplies to areas identified by the support agencies.
- m. Coordinate with ESF #7 (Resource Support Unit) on obtaining fuel and power services on an interim and emergency basis.

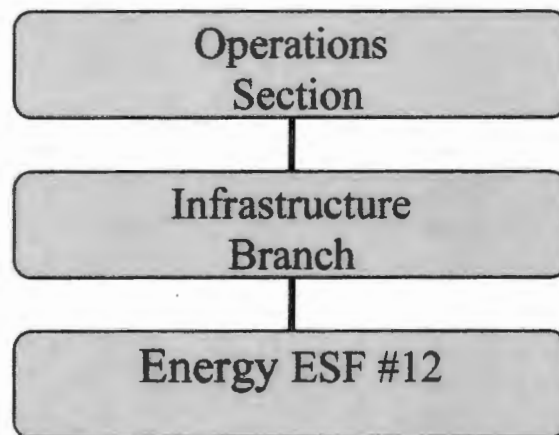
- n. Coordinate with the State EOC ESF #12 (Energy Unit) liaison for mutual aid assistance and recovery activities to augment fuel supplies and restore energy infrastructure.
- o. Distribute energy conservation and safety advisories to include reduction of electrical consumption in coordination with ESF #14 (Public Information) and support agencies.
- p. Coordinate with the ESF #16 (Law Enforcement) Unit to implement mandatory fuel conservation measure imposed by the Governor of Florida through the SEOC.
- q. Review status of Duke Energy, Orlando Utilities Commission, TECO Peoples Gas System, Inc., and Lake Apopka Natural Gas District processing of requests for fuel and power status and advise as to any priority conflicts, and ensure distribution of power outage updates to Public Information Officer and Emergency Information Center.

B. Florida Public Service Commission

- 1. Regulates the distribution of electrical and gas service in the State
- 2. Serves as the power utility companies advocate in the State EOC

C. Florida Reliability Coordinating Council

- 1. Ensures the delivery of electrical power throughout the State
- 2. Issues alerts and warnings regarding disruptions and/or excess consumption of the electrical power grid



III. Concept of Operations

A. General

- 1. When electric utility operating reserves are nearly exhausted and there is an imminent possibility of curtailment or loss of firm load, or when other energy supplies, such as natural gas or automotive transportation fuels

are disrupted, an appraisal of the situation is made by designated authorities and personnel, and action is taken in accordance with this ESF.

2. Emergency organization personnel are notified and mobilized to coordinate relief efforts, to communicate with the public and appropriate governmental agencies, and to restore normal service when the emergency is over. These response actions are carried out to maintain energy system integrity and to minimize the impact on Orange County citizens and visitors to the degree possible.
3. Statewide, the Public Service Commission (PSC) and the Department of Community Affairs (DCA) assume primary responsibility for ESF #12 activity. In Orange County, Orlando Utilities Commission (OUC), Duke Energy, TECO People's Gas, Inc., (TPG) and Lake Apopka Natural Gas District lead ESF #12 into action. Each agency has a predetermined emergency plan to follow depending on the type of storm/disaster and the amount of damage done to their respective facilities.

B. Notification

1. Upon notification of EOC activation, provide appropriate representation to the OCEOC.
2. Implement 24-hour staffing plans and based upon severity of the disaster consider pre-staging personnel and resources.
3. Maintain roster of agency contact persons, make necessary notifications as necessary, and maintain ongoing communications to support mission assignments.
4. Notify agencies to place resources on stand by and activate emergency contracts with vendors.
5. Dispatch resources as needed including vehicles, personnel, and equipment.
6. Once personnel arrive at the emergency operations center, activate and log into electronic mission tracking system for ESF.

C. Mobilization

1. Assure that incident facilities and NIMS compliant reporting systems are established and maintained, review Standard Operating Procedures (SOP).
2. Notify agencies as to readiness and needs. Establish communication with field personnel, and obtain status reports, notify OCEOC as to the readiness of ESF.
3. Preposition assets and coordinate all energy support resources to assure maximum support during recovery operations, including transport of essential goods and persons into the impacted area.

D. Response Phase

1. Each agency with field personnel will conduct a situation/impact analysis of the impacted area and provide an evaluation of the impact and the

identification of resources needed to support response and recovery operations.

2. Coordinate with the EOC to establish priorities and develop strategies for the initial response.
3. Maintain communications to update the EOC and the public on restoration efforts as well as safety messages regarding downed lines and use of portable generators.
4. Conduct and review damage assessments of primary energy systems, natural gas providers to include electrical power, natural gas pipeline, and petroleum fuel supplies.
5. Coordinate restoration based upon public safety priorities. Attachment A lists energy restoration priority locations.
6. Coordinate energy conservation and safety advisories with the Joint Information Center and mandatory fuel conservation measure with ESF #16.

E. Short Term Recovery Phase

1. Procedures initiating recovery and mitigation activities may occur simultaneously with the emergency response phase.
2. All Orange County primary, support, and coordinating agencies will conduct a comprehensive damage assessment of resources and facilities in compliance with the Federal Emergency Management Agency (FEMA) requirements. The damage assessment results will be reported to the primary agency.
3. The primary agency, in conjunction with the EOC Operations Desk Manager and the EOC Supervisor will prioritize infrastructure restoration and rebuilding priorities.
4. Coordinate ESF #12 status information with ESF #5 for distribution to ESFs in the OCEOC and other responding organizations.

F. Mitigation Requirements

All Orange County primary, support, and coordinating agencies will incorporate the evaluation of mitigation initiatives during the damage assessment of resources and facilities. The primary and support agencies of this ESF will reconstruct infrastructure components to be more disaster resistant.

G. Demobilization

1. Each primary and support agency should assure that necessary operating facilities and reporting systems are deactivated and resources demobilized.
2. Notify the EOC of the ESF#12 status of incident facilities and resources.
3. Schedule debriefing session with all response personnel and monitor physical and mental health in the short term and long-term recovery process.

4. Conduct post event evaluation of response and recovery missions; update plans and procedures as necessary.

IV. Resource and Logistics Management

A. Resource Management Policies

1. Under a state of emergency, all resources owned by the Board of County Commission can be deployed by the Primary or Support Agency responsible for these resources.
2. The cost of resource deployments is absorbed within existing budgets of each Department and appropriate documents for financial reimbursement must be maintained by each agency as detailed in the financial management section of the Basic Plan.
3. If a federal disaster declaration is issued, the eligible costs associated with response and recovery operations may be reimbursed through Federal Emergency Management Agency reimbursement funds as detailed in the Financial Management Section of the Basic Plan.
4. Resource management objectives will incorporate the following: personnel, equipment, training and exercise, facilities, funding, expert knowledge, materials, and the time frames within which they will be needed; and quantity, response time, capability, limitations, cost, and liability connected with using the involved resources.
5. Mutual Aid: ESF #12 will coordinate for the provision of all mutual aid resources to requesting parties outside of the county upon direction of the Emergency Management Director in accordance with appropriate resource management procedure, available assets, and in accordance with the Statewide Mutual Aid Agreement and/or company procedures.

B. Resource Typing

1. Inventory. The primary agency for ESF #12 and each support agency will maintain a current inventory of internal and external resources in compliance with NIMS resource typing standards. This will allow for the expeditious identification and procurement of external resources and assistance. (The following highlighted text is an example of the kind of information which might be listed for ESF #12. By reviewing the resource typing information from NIMS determine if there is some way to categorize assets and discuss them succinctly.)
 - a) Personnel: contractors, drivers, maintenance personnel, fueling personnel
 - b) Equipment & Materials: fixed route buses, para-transit vehicles, and school buses, spare vehicles and fleet vehicles including availability by time of day and day of the week. Ensure all vehicles, including, are properly maintained and available for use during an emergency.

- c) Incident Facilities: fixed routes, pick-up sites, fueling sites, staging areas

C. Training and Exercise

1. Training

- a) It is the responsibility of each agency to assess, develop, and implement a training program for all personnel assigned responsibilities in this ESF.
- b) It is the responsibility of each agency to coordinate and track compliance with NIMS related training.
- c) Each agency must ensure that sufficient personnel are trained to perform their assigned duty on a 24-hour basis and that all key positions have a depth of three persons.
- d) Training must be conducted for public, private, non profit, and volunteer personnel.

2. Exercise

- a) In coordination with the Orange County Office of Emergency Management, the Primary agency will annually participate in at least one HSEEP compliant drill or exercise to test response and/or recovery responsibilities related to this ESF.
- b) Each ESF will assist in the development, review, and program enhancements outlined in the HSEEP compliant post exercise improvement plan.

V. References / Authorities

- A. Each Orange County Office of Emergency Management Primary and Support Agency is required to develop, coordinate, and implement operational procedures to support their assigned responsibilities. All operations will be conducted under the National Incident Management System and are written using a nationally accepted format. The following agencies have listed their policies and procedures:

- 1. Orange County Comprehensive Emergency Management Plan (CEMP)

Emergency Support Function #13: Military Support

Primary Agency: Orange County Office of Emergency Management

Support Agencies: Florida National Guard (FLNG)
Civil Air Patrol

Coordinating Organizations:
Department of Defense

I. Introduction

A. Purpose & Scope

The purpose of this Emergency Support Function (ESF) #13 is to coordinate the use of military resources (DOD and Florida National Guard) in support of local emergency response and recovery missions being conducted by Emergency Support Functions.

B. Policies

1. When directed by the Governor or the State Coordinating Officer, the Adjutant General of Florida employs Florida National Guard personnel and equipment, through appropriate commanders, to assist civil authorities.
2. Active federal forces used during disaster relief will be under the command of and directly responsible to their military chain of command.
3. All mission requests for military resources must be directed to the SEOC upon exhaustion of local resources.
4. Military resources (including the Florida National Guard) may be utilized for a variety of mission tasking to assist Emergency Support Functions.
5. In coordination with the State of Florida Emergency Operations Center (SEOC), ESF 13 will conduct a rapid impact assessment of the impacted area and disseminate impact assessment data.

C. Planning Assumptions / Limitations / Resource Limitations

1. In the event that the Florida National Guard Liaison is deployed to Orange County, they will assume the primary agency designation for ESF #13.
2. The Federal Wartime Mission of all Department of Defense (DOD) assets takes priority over state missions.
3. Post-disaster impact/needs assessments are an ongoing process as needs cannot be fully determined in the initial response phase of a major or catastrophic disaster.
4. The Governor issues an Executive Order prior to the occurrence of a major or catastrophic disaster, when possible, authorizing the Adjutant

General to call to State Active Duty those personnel and equipment as necessary to support the State of Florida's response and recovery effort. A number of these forces will be staged in and around the anticipated disaster area prior to occurrence when possible.

5. Life saving functions will be a priority mission of ESF 13 immediately following a major or catastrophic disaster.

II. Organization and Responsibilities

This section identifies the responsibilities for each primary, support, and coordinating agency. Procedures, checklists, and job aids for implementing these responsibilities should be detailed in agency specific Standard Operating Procedures / Guidelines.

A. Primary Agency

Orange County Office of Emergency Management is The primary agency of ESF #13 serves as the Military Support Unit Leader under the Logistics Section. This Unit reports directly to the EOC Operations Desk Manager.

1. Lines of Succession

The following is the line of succession of individuals with responsibility for coordination, control, and continuity of ESF #13 during an emergency: FLNG Liaison Officer.

2. EOC Representative

The FLNG Liaison Officer is designated as the primary contact for ESF #13 and will staff the Emergency Operations Center and coordinate mission assignments.

3. ESF Coordinator Responsibilities

- a. The Florida National Guard, Liaison Officer, assigned to staff the EOC will communicate and coordinate all military mission assignments and act as primary County point of contact for the FLNG and the Department of Defense.
- b. The FLNG Liaison Officer will prioritize mission requests based on life safety, incident stabilization and protection of property for the response to and recovery from the consequences of identified hazards.
- c. Either once every four years or upon request of the Emergency Management Director, the Florida National Guard and/or State Division of Emergency Management Representative shall review this ESF Annex and forward revisions to the Orange County Office of Emergency Management.

- d. All mission requests for ESF #13 (Military Support) are directed through the SEOC.
- e. ESF #13 may provide mission support to municipalities.
- f. Coordinate with the FLNG and the SEOC for RIAT mission tasking.
- g. Coordinate with the other ESF in response to requests for FLNG support.

B. Florida National Guard (FLNG)

- 1. Advise Emergency Management Director on FLNG capabilities and resources.
- 2. Staff the EOC on a 24-hour basis.
- 3. Coordinate mission tasking and execution through the ESF #5 (Planning Section), State Area Coordinator, and FLNG area command.
- 4. Implement Emergency Management Assistance Compact. Command and control out-of-state National Guard units and organizations.
- 5. Mobilize and stage, in and around the projected disaster area, personnel and equipment to ensure maximum support of response/recovery effort.
- 6. Deploy RIATs to the disaster area, immediately following impact, as conditions allow, to evaluate the immediate needs of the affected population as a result of infrastructure loss (communications, transportation, utilities), or loss, damage, or availability of essential services (food, water, housing, medical).
- 7. Provide support to other ESFs for evacuation, search and rescue, emergency medical support, distribution points/staging areas, mass feeding, law enforcement/security, debris removal and transport, communications, comfort stations, water purification, aviation operations, engineering support, rapid impact assessment, transportation of supplies and services, provision and operation of generators, base camp operations, and other missions, as approved by the FLNG and the Office of Emergency Management (OEM), to support response and recovery operations.
- 8. Assist the process of restoring community infrastructure and reestablishing critical services.
- 9. Develop, implement, and exercise formal procedures for the coordination of military support activities before, during and after a disaster to include incremental withdrawal of support during the transition from the response and recovery stage, to the restoration stage.

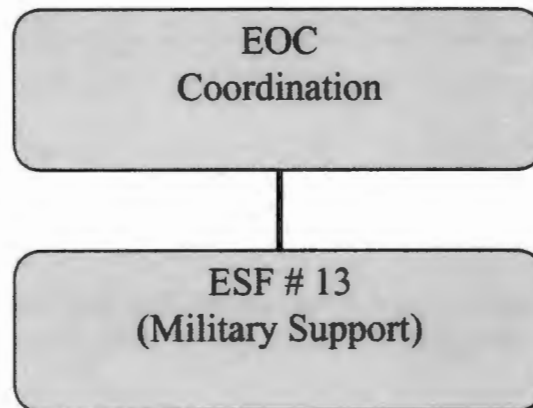
C. Civil Air Patrol

- 1. Upon notification provide Liaison Officer at the OCEOC and ensure 24-hour staffing.
- 2. Provide emergency transport of personnel, medical supplies, and life-saving resources upon request of the EOC Supervisor.
- 3. Assist search and rescue missions upon request of the ESF #9 (Urban Search and Rescue Unit).
- 4. Fly survey missions to assist with damage assessment and provide flood level information in coordination with the Recovery Section.

5. Provide aerial control, direction, and surveillance of surface traffic to support evacuation and re-entry efforts in coordination with the ESF #3 (Public Works and Engineering Unit) and the ESF #16 (Law Enforcement and Security Unit).
6. Provide radio communications resources.
7. Coordinate disaster relief missions with local relief agencies.

D. Other Military Reserves

1. Notify, activate, and mobilize all personnel and equipment to perform or support assigned functions as designated within this ESF.
2. Coordinate all actions of the support agency with the primary agency in performing assigned missions of this ESF.
3. Identify all personnel and resource requirements to perform assigned missions that are in excess of the support agencies capabilities.



III. Concept of Operations

A. General

1. During declared states of local emergency, the OEM is responsible for coordinating this ESF until a Florida National Guard Liaison Officer is assigned to support and staff the EOC. The Florida National Guard Liaison Officer will be available in the EOC during activation to respond to requests for support submitted by other ESF.
2. The Emergency Management Director can request military assistance from the State EOC. **After the Florida Governor's approval, the Florida National Guard can be deployed to Orange County to accomplish specific missions designated by other ESFs/ECOs.**

B. Notification

1. When directed by the Governor or the State Coordinating Officer, the Adjutant General of Florida employs Florida National Guard personnel and equipment, through appropriate commanders, to assist civil authorities.
2. Upon EOC activation, the Director of Emergency Management will request FLNG Central Area Command and the SEOC to task a Florida National Guard Liaison to provide 24-hour staffing to the EOC.
3. Based upon estimated severity of the disaster, the Director of Emergency Management may request pre-staging ESF #13 personnel and resources in advance of an impending threat.

C. Mobilization

1. Once ESF #13 personnel arrive at the emergency operations center, report to the EOC Supervisor, provide contact information, activate and log into electronic mission tracking system for ESF.
2. Assure that incident facilities and NIMS compliant reporting systems are established and maintained, review Standard Operating Procedures (SOP).
3. Notify State Emergency Operations Center, and military chair on command, as well as support and coordinating agencies as to readiness and needs. Establish communication with field personnel, and obtain status reports, notify OCEOC as to the readiness of ESF.
4. Preposition assets and coordinate all military support resources to assure maximum support during recovery operations, including transport of essential goods and persons into the impacted area.

D. Response Phase

1. ESF #13 through the State Rapid Impact Assessment Team will conduct situation/impact analysis of the impacted area. The composition of these teams will include civil utility and infrastructure experts, as appropriate. The mission of the Rapid Impact Assessment Teams will be to expeditiously evaluate the immediate needs of the affected population as a result of infrastructure (communications, transportation, utilities) loss or damage and availability of essential services (food, water, housing, medical) within the impacted area.
2. Coordination will be established with ESF #13 at the State Emergency Operations Center to prioritize and develop strategies to support response and recovery missions with exceed local capability.
3. ESF #13 resources may support any of the following mission tasking: evacuation, search and rescue, emergency medical support, distribution points/staging areas, mass feeding, law enforcement/security, debris removal and transport, communications, comfort stations, water purification, aviation operations, engineering support, rapid impact assessment, transportation of supplies and services, provision and

operation of generators, base camp operations, and other missions, as approved by the FLNG and the Office of Emergency Management (DEM), to support response and recovery operations.

4. Florida National Guard Liaison Officer will receive mission requests from the County EOC, then facilitate, validate, and confirm requirements with the OCEOC and SEOC. Upon validation, SEOC will make mission assignments; FLNG State EOC will assign missions to the FLNG area command; FLNG area commands will, based on availability (with previous missions not conflicting with requirements), immediately provide all assets necessary to accomplish the county mission.
5. Priorities will continually be reassessed to address the most critical needs and develop strategies.

E. Short Term Recovery Phase

1. Procedures initiating recovery and mitigation activities may occur simultaneously with the emergency response phase.
2. The Florida National Guard will continue to provide military support to lead agencies during the recovery phase until services can be contracted to the civilian sector and local/State agencies regain control of the situation.
3. ESF 13 may continue to support the following recovery missions: emergency medical support, distribution points/staging areas, mass feeding, law enforcement/security, debris removal and transport, communications, comfort stations, water purification, aviation operations, engineering support, transportation of supplies and services, provision and operation of generators, base camp operations.
4. ESF #13 in conjunction with the EOC Operations Desk Manager may assist in the prioritization of infrastructure restoration priorities to include debris removal from critical transportation system and emergency restoration efforts.
5. Coordinate ESF #13 status information with ESF #5 for distribution to ESFs in the OCEOC and other responding organizations.
6. Upon request, military resources may be provided to assist recovery activities for personnel and equipment.
7. The Florida National Guard forces will adjust or re-deploy as operations transition from the response and recovery stage to the restoration stage.

F. Mitigation Requirements

1. ESF #13 resources may be deployed to coordinate with ESF #3 to evaluate alternates for repairing and reconstructing infrastructure components to be more disaster resistant.

G. Demobilization

1. Each primary and support agency should assure that necessary operating facilities and reporting systems are deactivated and resources demobilized.
2. Notify the EOC of the status of incident facilities and resources.

3. Schedule debriefing session.

IV. Resource and Logistics Management

A. Resource Typing

1. Inventory. The Florida National Guard and military support agencies maintain their own policies and procedures related to resource management. For details contact the Florida National Guard Area Command Technical Advisory Group Emergency Operations Center located at the Robert F. Ensslin Jr. Armory, SR 207 in St. Augustine, Florida.

B. Training and Exercise

1. Training: Not applicable
2. Exercise

In coordination with the Orange County Office of Emergency Management, the Primary agency will be requested annually to participate in at least one HSEEP compliant drill or exercise to test response and/or recovery responsibilities related to this ESF.

V. References / Authorities

- A. Each Orange County Office of Emergency Management Primary and Support Agency is required to develop, coordinate, and implement operational procedures to support their assigned responsibilities. All operations will be conducted under the National Incident Management System and are written using a nationally accepted format. The following agencies have listed their policies and procedures:
 1. State CEMP
 2. FLNG – MSCA
 3. Reference FS 250, Military Code
 4. Reference FS 252, Emergency Management

Emergency Support Function #14: External Affairs – Public Information

Primary Agency: Orange County Communications Division

Support Agencies: Orange County Office of Emergency Management
Orange County Public Safety Communications Division
Visit Orlando

Coordinating Organizations:

Greater Orlando Aviation Authority
Orange County Convention Center
Orange County Fire Rescue Department
Orange County Sheriff's Office
Orange County Municipalities
WFSU-TV/The Florida Channel

I. Introduction

A. Purpose & Scope

The purpose of this Emergency Support Function (ESF) #14 is to coordinate the collection, processing, display, and dissemination of public information in support of disaster planning and operational activities.

B. Policies

1. Educate the residents and visitors of Orange County regarding disaster preparedness on a year-round basis.
2. Provide accurate, timely, and coordinated information to all available media outlets during a disaster event.
3. Maintain and update the website to provide public information before, during and after disaster events.
4. Update and monitor all Orange County social media platforms.
5. Coordinate response and recovery information from all county government entities to ensure consistency and accuracy.
6. Coordinate the establishment of a Joint Information Center in compliance with established procedures.

C. Planning Assumptions / Limitations / Resource Limitations

1. All County public information assets under the control of the Board of County Commissioners shall be made available to ESF #14 upon implementation of the Comprehensive Emergency Management Plan (CEMP).
2. Loss of electrical power and media communication may severely disrupt the normal dispersal of information in the disaster area.

3. The demand for information may exceed the capabilities of the Communications Division staff.
4. In the aftermath of a disaster, information is often vague, difficult to confirm, and contradictory.
5. There will be a great demand to know what volunteer resources are needed and what are available.
6. Incidents or disasters that affect the transportation, communication, and utility infrastructure can significantly impact the County's economy, ability to conduct business, and recover.
7. Orlando is a premier destination for convention business and tourism. Any event that gives the impression of the county being "unsafe" will negatively impact both portions of this core component of the county's economy. Such disruption would have significant ripple effects on the travel industry and tax revenues from the hotel, restaurant, and tourism industries.
8. Terrorism incidents can create a fear of safe travel and have a significant impact on the revenues of the Orlando area
9. State and federal organizations will make available all programs for which the county is eligible.

II. Organization and Responsibilities

This section identifies the responsibilities for each primary, support, and coordinating agency. Procedures, checklists, and job aids for implementing these responsibilities should be detailed in agency specific Standard Operating Procedures / Guidelines.

A. Primary Agency

Orange County Communications Division serves as the primary agency of ESF #14 serves as the Public Information Unit Leader. This Unit reports directly to the EOC Coordination.

1. Lines of Succession

The following is the line of succession of individuals with responsibility for coordination, control, and continuity of ESF #14 during an emergency: Manager of Communication Division, Public Information Officer for Health & Safety, and Assistant Manager of the Communications Division.

2. EOC Representative

The Communications Division Manager is designated as the primary contact and shall staff the Emergency Operations Center (EOC) upon notification and ensure 24-hour staffing coverage.

3. ESF Coordinator's Responsibilities

- a. The Primary Agency's ESF Coordinator will prioritize missions in coordination with the EOC Coordination Desk based on life safety, incident stabilization and protection of property for the response to and recovery from the consequences of identified hazards.
- b. Annually, review and update SOG, train all personnel to fulfill their assigned responsibilities in accordance with their Standard Operating Procedures/Guidelines and the National Incident Management System.
- c. Either once every four years or upon request of the Emergency Management Director, review this ESF Annex and forward revisions to the Orange County Office of Emergency Management.
- d. Maintain a roster of all support agency contact persons, make emergency notifications, activate support agencies as necessary, and maintain ongoing communications to support mission assignments. Prioritize missions in coordination with the Director of Emergency Management based on life safety and protection of property.
- e. Provide information to the public regarding disaster preparedness on a year-round basis through PSAs, webpages, social media platforms, media interviews, articles, informational literature and (upon invitation) at speaker forums. Public outreach activities also ensure diverse populations are appropriately advised through the use of available translators detailed in the ESF 14 SOP. Also provide emergency information to seasonal visitors and tourists through the electronic media.
- f. Once local resource capabilities have been exhausted, coordinate mutual aid through the proper resource request procedure and maintain documentation for financial reimbursement.
- g. Coordinate the provision of all mutual aid resources with requesting parties outside of the county upon direction of the EOC Supervisor / EOC Operations Desk Manager in accordance with appropriate resource request procedures and available assets.
- h. Train all staff responsible for implementing plan on standard operating procedures, including support agency staff, and ensure procedures are periodically exercised.
- i. Inform Emergency Management Director or designee of planning and preparedness actions taken, and maintain a continuing liaison to ensure assistance to all disaster victims.
- j. Establish a Joint Information Center (JIC) in or adjacent to the Emergency Operations Center. The function of this Center is to provide a collection and coordination point for information. The Public Information Officers for each agency will coordinate press releases through the Incident PIO in the Joint Information Center if established.
- k. Coordinate information exchange among and between all local, state, and federal response and recovery agencies as well as non-government agencies and community partners [complete lists in

ESF 14 SOP] to ensure a unified, accurate, timely, and coordinate public message.

- l. Through coordination with all response and recovery organization, provide updated information to the news media in the form of press briefings, situation reports, and news releases made available through the internet, email and all communications routes.
- m. Provide updated information directly to the public through the government access cable channel "Orange TV and/or streaming video on Orange County's website (OCFL.net)
- n. Coordinate media crews and schedule interviews and press conferences with appropriate spokespersons in the designated Media Area.
- o. Compose media releases, alerts and fact sheets and distribute to EOC media representatives, to all media outlets, to the Citizen Information (211 and 311), EOC staff, all relevant OCERT members, and to the County webmasters.
- p. Respond to media inquiries related to disaster events.
- q. Coordinate with ESF #5 and ESF #8 to address the public information needs of special populations including sign language, foreign languages, Braille and TDD, etc.
- r. Provide information and referral services to support recovery operations at the DRC and other recovery sites.
- s. On an annual basis, conduct media briefing with local media representatives at the EOC.
- t. Coordinate press briefings in the EOC on a regular schedule, and ensure PIOs from partner agencies and media representatives are properly notified.
- u. The Public Information Officer is responsible for maintaining and updating the resource inventory listing of media contacts and outside agency PIOs. An updated PIN contact list can be located in the ESF #14 SOP.
- v. Identify and badge media representatives for access into the EOC/JIC.
- w. Request, monitor, and distribute media releases from all local, state, and federal agencies that impact Orange County.
- x. In instances where such actions are warranted, the Joint Information Centers shall hold conferences either by phone or in person to ensure consistency in information being released. No information should be released until authorized by the overall Incident Commander or the Area Commander. The Operations Desk Manager and/or EOC Supervisor approves the press releases prior to being released as detailed in the EOC SOG.

B. Orange County Office of Emergency Management

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
2. OEM will support the Primary Agency in providing pre- and post- disaster information to ESF #14 for distribution to the media and general public

through the provision of subject matter expertise, and information from the state and federal partners.

3. Verify the accuracy of information being released to the public prior to dissemination.

C. Orange County Public Safety Communications Division

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
2. These agencies assist in maintaining ESF #14 information and communications equipment to allow them to collect and distribute information.
3. Coordinate public information release through AREA / RACES as a secondary means of communication.

D. Visit Orlando

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
2. Act as a conduit to the tourists visiting Orange County and the tourism industry.

E. Orange County Fire Rescue Department

1. This agency will provide information on current response and unit deployments.
2. Provide staff to augment ESF #14 staff as needed.

F. Orange County Sheriff's Office

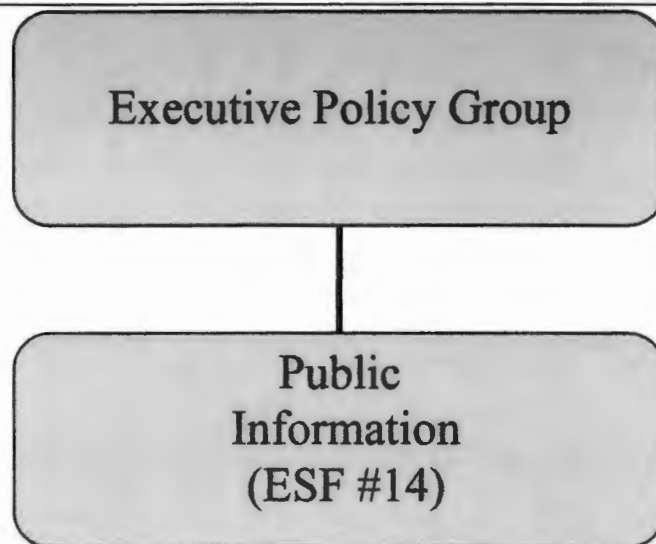
1. This agency will provide information on current response and unit deployments.
2. Provide staff to augment ESF #14 staff as needed.

G. Greater Orlando Aviation Authority

1. GOAA will support ESF #14 in providing information on flights into and out of Orlando and the condition of the airports in Orange County.
2. Distribute public information releases to persons within the airport facilities as requested by the primary agency.

H. Orange County Municipalities

1. The cities and towns in Orange County will assist in the collection and distribution of information in concert with ESF #14. They will also provide staff to augment ESF #14 staff as needed.



III. Concept of Operations

A. General

1. Primary or Support Agency staff will man the Orange County EOC around the clock to facilitate the flow of public and media information. If needed, Support Agencies will man a 24-hour public information line to handle phone calls and to help control rumors.
2. During disasters, the EOC will act as the central coordinating facility for receiving and disseminating public information.
3. Establish, schedule and conduct an initial press briefing followed by regularly scheduled briefings throughout the disaster event to provide updates to the news media concerning disaster conditions, county actions taken, and public safety measures.
4. Manage and staff Orange TV and coordinate broadcast content and timing in support of disaster response and recovery.
5. Coordinate with other ESFs, other OCERT members, state and federal agencies to provide public information pertinent to the disaster.

B. Notification

1. Upon notification of EOC activation, provide appropriate representation to the OCEOC.
2. Implement 24-hour staffing plans and based upon severity of the disaster consider pre-staging personnel and resources.
3. Maintain roster of all support and coordinating agency contact persons, make necessary notifications, activate support agencies as necessary, and maintain ongoing communications to support mission assignments.
4. Notify all support and coordinating agencies to place resources on stand by.

5. Dispatch resources as needed including vehicles, personnel, and equipment.
6. Once personnel arrive at the emergency operations center, activate and log into electronic mission tracking system for ESF.

C. Mobilization

1. Assure that incident facilities and NIMS compliant reporting systems are established and maintained, review Standard Operating Procedures (SOP).
2. Notify primary, support, and coordinating agencies as to readiness and needs. Establish communication with field personnel, and obtain status reports, notify OCEOC as to the readiness of ESF.
3. Preposition assets and coordinate all public information support resources to assure maximum support during recovery operations, including transport of essential goods and persons into the impacted area.

D. Response Phase

1. Each agency with field personnel will conduct a situation/impact analysis of the impacted area and provide an evaluation of the impact and the identification of resources needed to support response and recovery operations.
2. Establish the Press Briefing Room location within the EOC in Room 111. Establish the Joint Information Center at the best possible location based upon the severity and magnitude of the impacted area and location of command staff. The following locations will be considered based upon conditions: the Sheriff's Office Building near 311, the EOC, county administration building, Orange TV (Convention Center property), Sheriff's Office complex on John Young.
3. Conduct ongoing media briefings and provide current press releases.
4. Coordinate public information releases to the media including OTV for distribution to the public.
5. Verify information related to public safety issues and coordinate with ESFs 4, 9, 10, 8, and 16 to ensure public information releases address public life safety concerns.
6. On an as needed basis ESF 14 personnel will coordinate public information releases with the State EOC. Information may also be coordinated through the ongoing State/County conference call.
7. Coordinate public information releases with ESF 18 for dissemination from door to door and through other direct face contact and print media (Orlando Sentinel and community newsprints).

E. Short-Term Recovery Phase

1. Procedures initiating recovery and mitigation activities may occur simultaneously with the emergency response phase.
2. Coordinate ESF #14 status information with ESF #5 for distribution to ESFs in the OCEOC and other responding organizations.

3. Coordinate closely with FEMA public relations personnel to ensure that consistent public information reaches the citizen from all levels of government.
4. Coordinate with public service agencies to release information at Points of Distribution, public shelters, temporary housing sites, feeding sites, mobile locations, governmental facilities, etc.
5. Maintain public information websites that provide ongoing public assistance information to the public during the recovery phase.

F. Mitigation Requirements

Provide mitigation public information in the post disaster environment to support the reconstruction and redevelopment of Orange County community to be more disaster resistant.

G. Demobilization

1. Each primary and support agency should assure that necessary operating facilities and reporting systems are deactivated and resources demobilized.
2. Notify the EOC of the ESF#14 status of incident facilities and resources.
3. Schedule debriefing session with all response personnel and monitor physical and mental health in the short term and long-term recovery process.
4. Conduct post event evaluation of response and recovery missions; update plans and procedures as necessary.

IV. Resource and Logistics Management

A. Resource Management Policies

1. Under a state of emergency, all resources owned by the Board of County Commission can be deployed by the Primary or Support Agency responsible for these resources.
2. The cost of resource deployments is absorbed within existing budgets of each Department and appropriate documents for financial reimbursement must be maintained by each agency as detailed in the financial management section of the Basic Plan.
3. If a federal disaster declaration is issued, the eligible costs associated with response and recovery operations may be reimbursed through Federal Emergency Management Agency reimbursement funds as detailed in the Financial Management Section of the Basic Plan.
4. Resource management objectives will incorporate the following: personnel, equipment, training and exercise, facilities, funding, expert knowledge, materials, and the time frames within which they will be

needed; and quantity, response time, capability, limitations, cost, and liability connected with using the involved resources.

5. Mutual Aid: ESF #14 will coordinate for the provision of all mutual aid resources to requesting parties outside of the county upon direction of the Emergency Management Director in accordance with appropriate resource management procedure, available assets, and in accordance with the Statewide Mutual Aid Agreement.
6. The ESF #14 Primary Agency has limited public information personnel. In the days following a disaster, there will be a need for trained and experienced public information officers to support the Primary Agency.
7. Equipment Resources
 - a) ESF #14 has cellular phones, desktop computers, and use of transportation for the primary and support Agency staff. There will be a need for additional resources during and immediately following a disaster. This will include:
 - b) Phones (cellular and conventional)
 - c) Computers (laptop and tabletop)
 - d) Satellite communication capabilities
 - e) Radio Communication

B. Resource Typing

1. Inventory. The primary agency for ESF #14 and each support agency will maintain a current inventory of internal and external resources in compliance with NIMS resource typing standards. This will allow for the expeditious identification and procurement of external resources and assistance.
 - a) Personnel:
 - (1) Public Information Officers:
 - (a) Communications Staff / Administrations
 - (b) Fire Rescue (PIO Office)
 - (c) Orange County PIO's (Corrections, EPD, Animal Services, OCCC, HR, etc.)
 - (d) Mutual Aid (local, state, federal)
 - (2) Logistics Support
 - (a) Communications
 - (b) Fire Rescue (PIO Office)
 - b) Equipment & Materials:
 - (1) Laptop with wireless Internet capabilities;
 - (2) Satellite/Cellular phone;
 - (3) Prescribed press releases

- (a) Vehicles: Communications Van – OTV Vehicles
- (b) OTV equipment used for LIVE Broadcast on Orange and Vision TV.

- c) Incident Facilities: fixed routes, pick-up sites, fueling sites, staging areas

- (1) Orange TV building – Convention Center
- (2) Downtown Administration Center
- (3) EOC
- (4) County Fueling sites
- (5) Press Conference locations in the field established as needed.
- (6) Joint Information Center established as needed and procedures in place and tested to support a joint information system and center.

C. Training and Exercise

1. Training

- a) It is the responsibility of each agency to assess, develop, and implement a training program for all personnel assigned responsibilities in this ESF.
- b) It is the responsibility of each agency to coordinate and track compliance with NIMS related training. Records must also be maintained by the Human Resources Division which include training program, names of those who received training, the types of training planned and conducted and the names and qualifications of trainers.
- c) Each agency must ensure that sufficient personnel are trained to perform their assigned duty on a 24-hour basis and that all key positions have a depth of three persons.
- d) Training must be conducted for public, private, non profit, and volunteer personnel.
- e) On bi-monthly basis participant in the Debris Team coordinated through ESF #3 to ensure appropriate public information procedures are coordinated.

2. Exercise

- a) In coordination with the Orange County Office of Emergency Management, the Primary agency will annually participate in at least one HSEEP compliant drill or exercise to test response and/or recovery responsibilities related to this ESF.
- b) Each ESF will assist in the development, review, and program enhancements outlined in the HSEEP compliant post exercise improvement plan.

V. References / Authorities

A. Each Orange County Office of Emergency Management Primary and Support Agency is required to develop, coordinate, and implement operational procedures to support their assigned responsibilities. All operations will be conducted under the National Incident Management System and are written using a nationally accepted format. The following agencies have listed their policies and procedures:

1. Orange County Comprehensive Emergency Management Plan
2. ESF #14 Standard Operating Procedures.
3. Orange County Public Works Fact Sheet – Debris Removal
4. OCPA Advisory Team, Emergency Management Recommendations, Safety, Before the storm and After the storm Guidelines
5. Haitian Creole and Spanish EOC Translation Help
6. Public Service Announcements
 - a) Animal Services
 - b) Building Permits and Inspections
 - c) Damage Assessment
 - d) Debris Pick-Up
 - e) Debris Removal After the storm
 - f) Lynx
 - g) Price-Gouging
 - h) Public Safety
 - i) Schools
 - j) Resident drop-off of debris
 - k) Volunteers
 - l) Assistance for Seniors
 - m) Citizen Information Line
 - n) Damaged Traffic Signals
 - o) Debris Sites
 - p) Donations
 - q) Flooding and Sandbags
 - r) Hiring Contractors
 - s) Lake Monitoring
 - t) OUC
 - u) Progress Energy
 - v) Recovery Assistance for Low Income Families
 - w) Restoration of Electricity
 - x) Wastewater Outages

Emergency Support Function #15: Volunteers and Donations Management

Primary Agency: Orange County Human Resources Division

Support Agencies: Orange County Animal Services Division
Hands on Orlando
Salvation Army
American Red Cross
Orange County Public Schools
Orange County Administrative Services Department
Orange County Comptroller's Office

Coordinating Organizations: Orange County Parks and Recreation Division
Community Organizations Active in Disasters (COAD)
Florida Interfaith Active in Disasters (FIND)
Second Harvest Food Bank
LYNX

I. Introduction

A. Purpose & Scope

1. The purpose of this Emergency Support Function ESF #15 is to manage unsolicited, donated goods, and to recruit, train, and manage unaffiliated volunteers in support of response and recovery operations in the disaster area. ESF-15 will coordinate with ESF-7 to receive cash donations.
2. ESF #15 is, furthermore, tasked with the recruitment, training, and management of Orange County employees to perform disaster related roles and responsibilities which extend beyond their normal daily job duties.

B. Policies

1. Serve as the central point of coordination for recruitment, registration, classification, training, and assignment of volunteers' pre and post disaster in support of response and recovery operations.
2. Coordinate the collection, tracking, consolidation, storage, and distribution of relief supplies and donated goods that arrive in, or are made available, to the communitywide response and recovery effort.
3. Coordinate with existing volunteer and disaster relief agencies serving Orange County to ensure efficient resource utilization and to avoid duplication of services.

C. Planning Assumptions / Limitations / Resource Limitations

1. Volunteers and donated assets under the control of the Board of County Commissioners shall be made available to support disaster response and recovery operations communitywide.
2. An immediate human needs assessment and condition of the infrastructure will be reported by ESF #19s Damage Assessment Teams in order to identify and prioritize community needs.
3. Unaffiliated volunteers may lack the appropriate skills, training, certification, credentials, or resources to be deployed.
4. Donated goods may be unusable, inappropriate, or unsafe for consumption.

II. Organization and Responsibilities

This section identifies the responsibilities for each primary, support, and coordinating agency. Procedures, checklists, and job aids for implementing these responsibilities should be detailed in agency specific Standard Operating Procedures / Guidelines.

A. Primary Agency

Orange County Human Resources Division serves as the primary agency of ESF #15 serves as the Volunteers and Donations Unit Leader under the Operations (Human Services Section). This Unit reports directly to the EOC Operations Desk Manager.

1. Lines of Succession

The following is the line of succession of individuals with responsibility for coordination, control, and continuity of ESF #15 during an emergency: Special Programs Manager of Human Resources Division, Records Management Coordinator of Human Resources Division (additional personnel assignments are listed in the ESF 15 Continuity of Government Plan).

2. EOC Representative

The Special Programs Manager of Human Resources Division is designated as the primary contact and shall staff the Emergency Operations Center (EOC) upon notification and ensure 24-hour staffing coverage.

3. ESF Manager's Responsibilities

- a. The Primary Agency ESF Coordinator will prioritize missions in coordination with the EOC Operations Desk Manager/EOC Supervisor based on life safety, incident stabilization and protection of property for the response to and recovery from the consequences of identified hazards.
- b. Annually, review and update SOG, train all personnel to fulfill their assigned responsibilities in accordance with their Standard Operating Procedures/Guidelines and the National Incident Management System.
- c. Either once every four years or upon request of the Emergency Management Director, review this ESF Annex and forward revisions to the Orange County Office of Emergency Management.
- d. Respond to mission requests from other ESFs, municipalities, and disaster relief agencies for volunteer resources and donated goods.
- e. Coordinate with ESF #6 (Mass Care) to maximize the use of donated goods and unaffiliated volunteers to avoid duplication of service and maximize efficient use of resources.
- f. The primary agency will coordinate the status of the volunteer and donations operations with the volunteer coordinator and ESF #15 at the SEOC, and local field operations. and local volunteer coordinators, and the federal volunteer coordinator.
- g. Manage, inventory, track, store, and distribute donated goods arriving in Orange County.
- h. Recent updates to this Annex include the implementation of the Federal Emergency Management Agency/Aidmatrix Foundation-sponsored Florida Donations Portal and new concepts on the utilization of voluntary resources developed through the Florida Catastrophic Planning Project.
- i. Coordinate activation of the County Staging Areas (CSAs) for the purpose of managing the unloading, inventorying, repacking, temporary storage, and shipment to county distribution sites of all donated goods or other relief supplies not processed by the State LSA.
- j. Review and assess initial impact assessment and preliminary damage assessment information from all available sources including the ESF #3 (Public Works), the ESF #4 (Firefighting), ESF #6 (Mass Care) and ESF #11 (Food and Water) to establish priorities for distribution of supplies and services.
- k. Provide manpower to county and municipal distribution sites, as required, to provide rapid distribution of all relief supplies needed by disaster impacted citizens and visitors.
- l. Establish, direct and provide staff for "Volunteer Reception Centers," as needed, to manage the influx of unaffiliated volunteers that arrive after a disaster event in accordance with procedures.
- m. Volunteer Florida may assist Orange County Emergency Management to assess the need for spontaneous volunteer management. Local volunteer organizations, ESF 15 Support Agencies and county government volunteer programs may participate in the operation of Volunteer Reception Centers, as needed and with the support of the

Florida Association for Volunteer Resource Management (FAVRM). In the absence of local capacity to manage spontaneous volunteers, Volunteer Florida will train and assist Orange County and/or coordinate with FAVRM for staffing assistance from member organizations outside the impacted areas.

- n. Maintain basic information records on Orange County Employees by certified skill/trade categories and where they are assigned.
- o. Coordinate the placement of Orange County employees responding outside of their normal duties and responsibilities in the roles of points of distribution, shelter management, and emergency call center, and other disaster related roles in support of disaster response and recovery operations.
- p. Coordinate with ESF #14 (Public Information) for the development of public information announcements that provide instructions for donation of money, goods, or services, as well as the locations of distribution sites for pick-up of disaster relief supplies by victims.
- q. Coordinate the delivery and receipt of donated goods and supplies from NGOs, Private sector, and individuals.

B. The American Red Cross

- 1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
- 2. Work with the primary agency to coordinate utilization of volunteers and donated resources in support of ESF #6 operations.
- 3. Coordinate with primary agency to identify unmet needs which may be met through volunteer services and/or donated goods.

C. Orange County Public Schools

- 1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
- 2. Upon notification of school closure and shelter opening, provide all points of contact for each shelter site, including, but limited to, principal or assistant principal for access and site inspections, janitorial and cafeteria worker for duration of shelter opening.

D. The Salvation Army of Orange and Osceola County

- 1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
- 2. Work with the primary agency to coordinate the warehousing and distribution of donated durable and non-durable goods.
- 3. Keep an accurate accounting of the flow of the goods from the donors to the recipients.
- 4. Arrange for distribution of goods with help from ESF #7, and ESF #1 Coordinators.
- 5. Coordinate with private and public agencies to receive necessary emergency goods.

E. LYNX

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
2. Coordinate transportation of volunteers and donations to the disaster affected areas, warehouses, feeding sites, and pantry locations.
3. Transport individuals and pets to appropriate shelters.

F. Orange County Administrative Services Department

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
2. Designate and supply emergency relief resources in support of POD operations.

G. Orange County Parks and Recreation Division

1. Assist in the identification, preparation of pet friendly shelters at appropriate locations in the county.

H. Orange County Animal Services Division

1. Identify and assign pre-determined animal services certified shelter managers to each pet friendly shelter site with mobile units for feeding, caging and maintaining the pep population.

I. Family Services Department

1. Assist in the identification of and staffing of team to each employee/child care shelter opened upon activation.

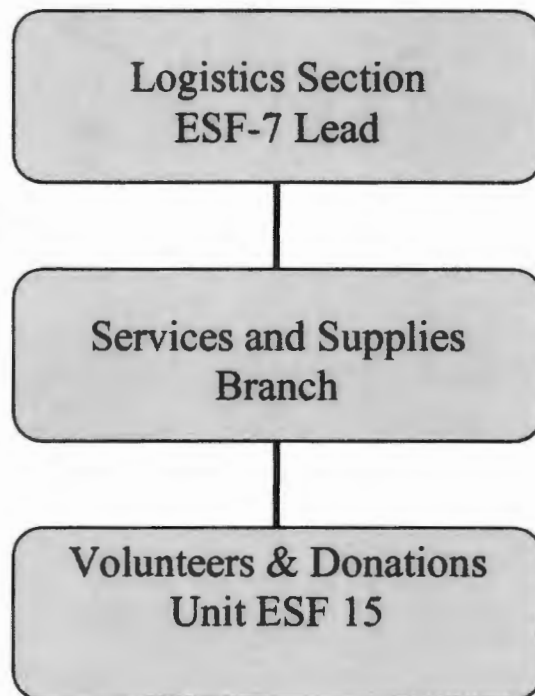
J. Second Harvest Food Bank

1. Coordinate the warehousing at their own facilities and distribution of donated food items.
2. Coordinate with private and public agencies to receive food items.
3. Arrange for distribution of goods with help ESF #1 coordinators.
4. Keep an accurate accounting of the flow of the goods from the donors to the recipients.
5. Provide to the primary agency non perishable groceries to distribute to affected citizens and visitors.

K. Hands on Orlando

1. Establish and staff "Volunteer Reception Centers," as needed, to manage the influx of volunteers that arrive after a disaster event in accordance with procedures.
2. Keep ESF 15 primary agency informed of volunteer availability.

3. Manage and coordinate unaffiliated volunteers to match skill sets to the needs of the affected citizens and visitors of Orange County.
4. Maintain basic information records on individual disaster volunteers by general skill/trade categories and where they are assigned.



III. Concept of Operations

A. General

1. The primary function of ESF #15 is to manage Orange County employees in their disaster related function. The secondary function is to manage donated goods and unaffiliated volunteers in support of disaster response operations.
2. ESF #15 will manage the requests for manpower, materials and supplies from other ESFs, external agencies, and municipal jurisdictions.
3. ESF #15 will identify, train, deploy, and manage personnel required for disaster operations of the Call Center, Message Center, shelters, and Points of Distribution (PODs) throughout Orange County.
4. Post disaster and upon request of the Director of Emergency Management, ESF #15 will identify, staff, and operate donations collection and storage areas for the collection, packaging, and distribution of donated items.
5. ESF #15 will coordinate large bulk shipments of food supplies purchased, solicited or donated, sort and palletize donations of non-perishable food items in the immediate local area.

6. ESF #15 will work in conjunction with the State ESF #15 to utilize the Florida Donations Portal System (AIDMATRIX) which is linked to the National Donation Management Network (NDMN) and is designed primarily for bulk or large quantity donations.
7. ESF #15 will establish communications, coordinate information, and provide ongoing status update from donations staging/storage areas, volunteer agencies, and donation centers.
8. Persons wishing to donate monetary resources will be directed to the State of Florida AIDMATRIX website at www.aidmatrix.org.

B. Notification

1. Upon notification of EOC activation, provide appropriate representation to the OCEOC.
2. Implement 24-hour staffing plans and based upon severity of the disaster consider pre-staging personnel and resources in accordance with procedures.
3. Maintain roster of all support and coordinating agency contact persons, make necessary notifications, activate support agencies as necessary, and maintain ongoing communications to support mission assignments.
4. Notify all support and coordinating agencies to place resources on stand by and activate emergency contracts with vendors.
5. Dispatch resources as needed including vehicles, personnel, and equipment, and incident facilities.
6. Once personnel arrive at the emergency operations center, activate and log into electronic mission tracking system for ESF #15.

C. Mobilization

1. Assure that incident facilities and NIMS compliant reporting systems are established and maintained, review Standard Operating Procedures (SOP).
2. Notify primary, support and coordinating agencies as to readiness and needs. Establish communication with field personnel, and obtain status reports, notify OCEOC as to the readiness of ESF.
3. Preposition assets and coordinate all volunteers and donations management resources to assure maximum support during recovery operations, including transport of essential goods and persons into the impacted area.
4. Activate, operate, and provide staffing to the pet friendly and employee shelters.

D. Response Phase

1. Contact the COAD representative and other volunteer organizations to determine the status of the disaster event and identify potential resource needs from member organizations.

2. The ESF #15 coordinator will be responsible for assessing unmet needs at the local level and providing resources and volunteers to meet these needs from the available donations and volunteers responding.
3. Providing Orange County employees and unaffiliated volunteers to operate Points of Distributions, and other response and recovery activities such as CART teams (Community Action Response Team.)
4. With assistance from an ESF7-provided warehouse manager; manage and coordinate the reception, warehousing of solicited and unsolicited donated goods. Guidance on packaging, labeling and shipping goods will be provided to donors to help coordinate the flow of incoming goods. The Donations Warehouse Management Team will supervise local volunteers in receiving, sorting, inventorying, packing, and shipping of donated goods; and make all goods available to organizations.
5. Coordinate activities with the State Emergency Support Function #15.
6. Ensure public information activities are coordinated with ESF #14 and the Joint Information Center.

E. Short Term Recovery Phase

1. Procedures initiating recovery and mitigation activities may occur simultaneously with the emergency response phase.
2. Coordinate ESF #15 status information with ESF #5 for distribution to ESFs in the OCEOC and other responding organizations.
3. ESF 15 will activate the volunteer reception center to receive, identify, credential, train, and deploy unaffiliated volunteers in support of disaster recovery operations, that may include: Debris removal, food distribution, Donations Management, Strike Teams, Case Management, Food Preparation, Mass Feeding, and long term recovery.
4. A list of volunteers will be maintained on a database for access by relief agencies and organizations. This service will screen and provide information to volunteers on the requirements necessary to participate in the volunteer effort.
5. ESF #15 will identify donation collection centers, transportation donations to donations staging/storage areas, process donations, and distribute donated items.
 - a) Security in the volunteer reception site will be instructed to admit only volunteers with proper identification, i.e. voluntary organization identification, or a special volunteer patch, logo, or badge. The items used will be issued at the volunteer agency reception centers or staging areas, and may be colored coded and changed on a daily basis.
6. Voluntary organizations and other private sector groups continue to augment or extend the abilities of government to assist disaster victims by providing donated goods and services.
7. Continue to identify victims with unmet needs working in close coordination with ESF #6, the long-term recovery organizations, state and federal officials.

8. As resources permit, participate in disaster recovery centers, staging areas, comfort stations, and other appropriate incident facilities.

F. Mitigation Requirements

ESF #15 provides training, exercises, and drill throughout the year to maintain the response and expertise level of certified county employees.

G. Demobilization

1. Each primary and support agency should assure that necessary operating facilities and reporting systems are deactivated and resources demobilized.
2. Schedule debriefing session with all response personnel and monitor physical and mental health in the short term and long-term recovery process. Conduct roundtable discussion after the disaster to document lesson learned. Employees receive post disaster surveys to document their experiences.
3. Conduct post event evaluation of response and recovery missions; update plans and procedures as necessary.

IV. Resource and Logistics Management

A. Resource Management Policies

1. Under a state of emergency, all resources owned by the Board of County Commission can be deployed by the Primary or Support Agency responsible for these resources.
2. The cost of resource deployments is absorbed within existing budgets of each Department and appropriate documents for financial reimbursement must be maintained by each agency as detailed in the financial management section of the Basic Plan.
3. If a federal disaster declaration is issued, the eligible costs associated with response and recovery operations may be reimbursed through Federal Emergency Management Agency reimbursement funds as detailed in the Financial Management Section of the Basic Plan.
4. Resource management objectives will incorporate the following: personnel, equipment, training and exercise, facilities, funding, expert knowledge, materials, and the time frames within which they will be needed; and quantity, response time, capability, limitations, cost, and liability connected with using the involved resources.

B. Resource Typing

1. Inventory. The primary agency for ESF #15 and each support agency will maintain a current inventory of internal and external resources in compliance with NIMS resource typing standards. This will allow for the

expeditious identification and procurement of external resources and assistance.

- a) Personnel: County employees will be typed and paid utilizing the Orange County Policy and Procedures Manual.
- b) Classification of pay (employees), unaffiliated volunteers: POD Distribution, Warehousing Support, Issuing Donated Goods, Citizen Information Center, Administrative Support.
- c) Equipment & Materials: POD kits, Shelter Management Kits.
- d) Incident Facilities: Volunteer Reception Centers, donations Warehouses, Citizen Information Center, Points of Distribution Sites, Employee, Pet Friendly and General Shelters, County Staging Areas.

C. Training and Exercise

1. Training

- a) It is the responsibility of each agency to assess, develop, and implement a training program for all personnel assigned responsibilities in this ESF.
- b) It is the responsibility of each agency to coordinate and track compliance with NIMS related training.
- c) Each agency must ensure that sufficient personnel are trained to perform their assigned duty on a 24-hour basis and that all key positions have a depth of three persons.
- d) Training Records are maintained electronically in PeopleSoft. All records are maintained for an indefinite period of time, and the backup database is maintained out of the state of Florida.

2. Exercise

- a) In coordination with the Orange County Office of Emergency Management, the Primary agency will annually participate in at least one HSEEP compliant drill or exercise to test response and/or recovery responsibilities related to this ESF.
- b) Each ESF will assist in the development, review, and program enhancements outlined in the HSEEP compliant post exercise improvement plan.

V. References / Authorities

- A. Each Orange County Office of Emergency Management Primary and Support Agency is required to develop, coordinate, and implement operational procedures to support their assigned responsibilities. All operations will be conducted under the National Incident Management System and are written using a nationally accepted format. The following agencies have listed their policies and procedures:

1. Chapter 252, Florida Statutes.
2. Florida Comprehensive Emergency Management Plan.
3. Orange County Comprehensive Emergency Management Plan.
4. Orange County Emergency Management Ordinance Number 94-11.
5. Public Law 100-707, the Robert T. Stafford Disaster Relief and Emergency Assistance Act.
6. Orange County 3-1-1 Emergency Call Center Booklet.
7. Government Service Center/Message Center, EOC Activation Operations Plan.
8. Orange County Volunteer Management SOP
9. Orange County Donations Management SOP

Emergency Support Function #16: Law Enforcement and Security

Primary Agency: Orange County Sheriff's Office

Support Agencies: Apopka Police Department
Eatonville Police Department
Edgewood Police Department
Maitland Police Department
Oakland Police Department
Ocoee Police Department
Orlando Police Department
University of Central Florida Police Department
Windermere Police Department
Winter Garden Police Department
Winter Park Police Department
Florida Highway Patrol
Orange County Corrections

Coordinating Organizations:

Orange County Fire Rescue Department
American Red Cross
Salvation Army
Florida Dept. of Transportation
Florida National Guard
Florida Dept. of Law Enforcement
LYNX
Orange County Public Safety Communications
Orange County Traffic Engineering Division
Radio Amateur Civil Emergency Service

I. Introduction

A. Purpose & Scope

The purpose of this Emergency Support Function (ESF) #16 is to outline policies for the protection of life and property and the maintenance of law and order through the coordination of law enforcement activities before, during, and after a disaster.

B. Policies

- Execute any evacuation order issued by the Governor, the Board of County Commissioners, or other appropriate entity in response to



hurricane, hazardous material incident, civil unrest, terrorist, or other disaster event.

- Establish traffic control points to monitor and manage evacuations and re-entry in conjunction with other law enforcement agencies, and provide security and control access to designated impacted areas.
- Enforce curfews as established by an emergency declaration or executive order.
- Provide security protection at designated response and recovery sites and in support of appropriate response and recovery mission assignments.
- Provide aviation support for response and recovery mission assignments when Aviation Unit becomes available and as prioritized by the Emergency Operations Center (EOC).
- Develop policies and procedures for early warning of citizens in flood prone areas or other areas of potential danger with the Orange County communications system.
- Support temporary morgue operations and provide next of kin notification.
- Establish staging areas and logistical support bases for requested mutual aid resources in coordination with all first response agencies.
- All agencies supporting response and recovery efforts will coordinate activities through the unified command structure of the Incident Command System.

C. Planning Assumptions / Limitations / Resource Limitations

- All County law enforcement and security assets under the control of the Board of County Commissioners shall be coordinated by ESF #16 upon implementation of the Comprehensive Emergency Management Plan (CEMP).
- Numerous incidents requiring public safety response may occur simultaneously in multiple locations during an emergency.
- Standard law enforcement capabilities and resources may be disrupted to an unknown degree in such situations and alternate resources should be available for response.
- The dramatic increase in the flow of traffic to accommodate the evacuation of people from coastal areas as well as ensuring the ingress and egress to disaster scenes will constitute an increased demand on law enforcement personnel.
- Transportation system disruptions (floods, damaged roads, debris, bridge failures) can substantially hamper emergency vehicle access to the scene(s).
- The opening of public shelters to house both out of county and local evacuees will constitute a demand on law enforcement to ensure public safety in those shelters.
- Efficient and effective coordination and mutual aid from various responders requires coordinated communications, coordinated use of



police tactics and equipment, and the utilization of the Incident Command System (ICS).

II. Organization and Responsibilities

This section identifies the responsibilities for each primary, support, and coordinating agency. Procedures, checklists, and job aids for implementing these responsibilities should be detailed in agency specific Standard Operating Procedures / Guidelines.

A. Primary Agency

The Orange County Sheriff's Office serves as the primary agency of ESF #16 serves as the Law Enforcement and Security Unit Leader under the Operations Section. This Unit coordinates with the Operations Section Chief (EOC Operations Desk Manager/EOC Supervisor).

- **Lines of Succession**

The following is the line of succession of individuals with responsibility for coordination, control, and continuity of ESF #16 during an emergency: The OCSO Lieutenant over the Emergency Management Section will provide support for ESF #16 from the Critical Incident Management Team (CIMT).

- **EOC Representative**

The Orange County Sheriff's Office is designated as the primary contact and shall staff the ESF #16 desk at the Emergency Operations Center (EOC) upon notification and ensure 24-hour staffing coverage.

- **ESF Coordinator's Responsibilities**

- a. The Orange County Sheriff's Office will prioritize missions in coordination with the EOC Operations Desk Manager/EOC Supervisor based on life safety, incident stabilization and protection of property for the response to and recovery from the consequences of identified hazards.
- b. Annually, review and update applicable written directives, train all personnel to fulfill their assigned responsibilities in accordance with their Standard Operating Procedures/Guidelines and the National Incident Management System.
- c. Either once every four years or upon request of the Emergency Management Director, review this ESF Annex and forward revisions to the Orange County Office of Emergency Management.



- d. Maintain a roster of all support agency contact persons, make emergency notifications, activate support agencies as necessary, and maintain ongoing communications to support mission assignments.
- e. All requests for municipal law enforcement resource support should be directed through the municipal liaison in the CEOC and forwarded to the ESF #16 (Law Enforcement and Security Unit) for mission assignment.
- f. Coordinate all incoming mutual aid law enforcement resources for countywide dispersion.
- g. Prioritize missions in coordination with the Director of Emergency Management based on life safety, protection of property, available resources, and the Incident Action Plan (IAP).
- h. Coordinate mutual aid through the proper resource request procedure and maintain documentation for financial reimbursement once local resource capabilities have been exhausted.
- i. Coordinate the provision of all mutual aid resources with requesting parties outside of the county upon direction of the Emergency Management Director in accordance with appropriate resource request procedures and available assets.
- j. Inform Emergency Management Director or designee of planning and preparedness actions taken, and maintain a continuing liaison to ensure assistance to all disaster victims.
- k. Manage traffic along evacuation routes in coordination with State law enforcement officials to ensure efficient traffic flow, and forward requests for additional staffing assistance to the CEOC.
- l. Support local law enforcement officials, and utilize public address system and automated emergency telephone call-out technology to announce that an evacuation is ordered within evacuation areas.
- m. Report traffic flow at pre-designated traffic monitoring sites during an evacuation order and report status to the ESF #16 (Law Enforcement and Security Unit) in the CEOC.
- n. Upon request of the Governor, open refuges of last resort in accordance with the regional evacuation coordination procedures.
- o. Stage and deploy all mutual aid resources in support of response and recovery activities at pre-designated mutual aid staging areas.
- p. Coordinate 24-hour security at shelters as designated by the EOC, assembly points/distribution sites/staging areas for supplies, base camps for supplies, mass care sites, the CEOC, the Disaster Field Office, Disaster Application Centers and additional sites as required by the EPG in coordination with the ESF #16 (Law Enforcement and Security Unit), as staffing dictates.
- q. Assist the ESF #9 (Search and Rescue Unit) in search and rescue operations, as requested.
- r. Provide aviation support for post-disaster impact and damage assessment teams.



- s. Coordinate perimeter security to prevent looting and provide staffing support at security check-points in evacuated areas to monitor re-entry of authorized personnel and residents in compliance with re-entry procedures.
- t. Coordinate with ESF #14 (Public Information) to ensure appropriate flow of information to the public regarding law enforcement-related issues.
- u. Consist appropriate law enforcement-related information from the Sheriff's Office Command Post is monitored and disseminated to the CEOC via telephone and electronic media, and logged into electronic mission tracking system.
- v. Coordinate next of kin notifications.
- w. Coordinate staffing assistance for continued operation of the Criminal Court of the 9th Judicial Circuit.
- x. Establish liaison with the Court Administrator's Office, the State Attorney's Office, the Court Clerk's Office, Public Defender, and any building or maintenance people for Orange County Judicial Complexes.
- y. Ensure the protection of human lives and the security of the ongoing operation of Orange County Courts.

B. American Red Cross

- Establish shelter sites for the families of emergency personnel families.

C. Salvation Army

- Assist in the feeding and rehabilitation of ESF #16 personnel.

D. Apopka Police Department

- Provide law enforcement mutual aid.

E. Eatonville Police Department

- Provide law enforcement mutual aid.

F. Edgewood Police Department

- Provide law enforcement mutual aid.

G. Florida Highway Patrol

- Provide assistance with traffic control.



H. Florida Dept. of Transportation

- Assist with the placement of traffic control and evacuation route signs on state roads. Assist with other traffic related issues as needed during a major event.

I. Florida National Guard

- Provide personnel assistance for order maintenance.

J. Florida Dept. of Law Enforcement

- Provide mutual aid and access to the State EOC for additional assistance.

K. LYNX

- Provide bus service along evacuation routes entering Orange County and transporting stranded motorist to public shelters.

L. Maitland Police Department

- Provide law enforcement mutual aid.

M. Oakland Police Department

- Provide law enforcement mutual aid.

N. Ocoee Police Department

- Provide law enforcement mutual aid.

O. Orange County Corrections Department

- Assist with the deployment of shelter signs in the event of an evacuation.
- Assist with booking and transportation in the event of a mass arrest.
- Assist with agreement to provide space for a backup ESF #16 OCSO Agency EOC in the event the primary ESF #16 OCSO Agency EOC is no longer useable.
- Responsible for inmate population during an event and will be assisted by the Sheriff's Office as needed for the public's safety.

P. Orange County Fire & Rescue

- Provide emergency medical and firefighting support to the law enforcement mission.



Q. Orange County Public Safety Communications Division

- Provide additional cellular telephones, standard telephones, pagers, and radio equipment as needed for a disaster or emergency condition.

R. Orange County Traffic Engineering Division

- Assist with the production and placement of traffic control, evacuation, and shelter signs.
- Assist with the procurement and placement of barricades, traffic cones, and traffic light manual switches for the evacuation routes.

S. Orlando Police Department

- Provide law enforcement mutual aid.

T. Radio Amateur Civil Emergency Service

- Provide Amateur Radio Operators to maintain communications between the Orange County EOC, ESF #16 FOCs, OCSO Agency EOC, and other ESF #16 command posts.

U. University of Central Florida Police Department

- Provide law enforcement mutual aid.

V. Windermere Police Department

- Provide law enforcement mutual aid.

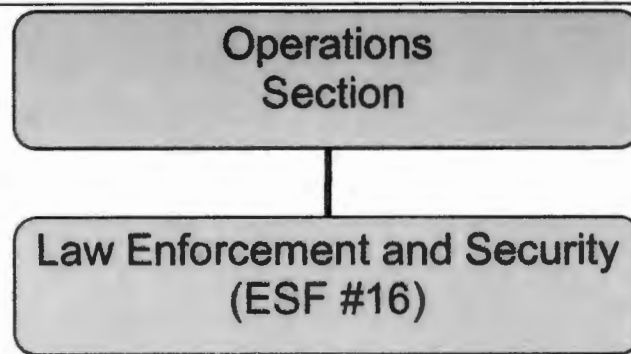
W. Winter Garden Police Department

- Provide law enforcement mutual aid.

X. Winter Park Police Department

- Provide law enforcement mutual aid.





III. Concept of Operations

A. General

- The Orange County Sheriff's Office shall be the primary agency for ESF #16 and shall coordinate law enforcement and security resources for any disaster or emergency condition, based upon pre-arranged plans with other area law enforcement agencies.
- In the event of a disaster requiring ESF #16 (Law Enforcement and Security), OCOEM will activate ESF #16. The Sheriff or his designee will report to the Orange County EOC to coordinate the activities of ESF #16 and provide necessary assistance to other ESFs/ECOs.
- ESF #16 will coordinate, with all support and external agencies, the field response needs as identified by the field unified command team and/or the area command. Additional resources and technical expertise will be coordinated through county, state, and federal organizations to augment local capabilities.
- The Sheriff will appoint an Incident Commander to monitor, assess, and recommend staffing levels for a disaster or emergency condition. The Incident Commander will liaison with other law enforcement agencies in the event of a major incident within a municipal jurisdiction.
- In the event of a large-scale incident, the Incident Commander may open the ESF #16 OCSO Agency EOC. The Sheriff's Office Executive Staff will constitute the OCSO Agency EOC Staff. The OCSO Agency EOC Staff will be responsible for the operational efforts of the Sheriff's Office.

B. Notification

- Upon notification of EOC activation, provide appropriate representation to the OCEOC.
- Implement 24-hour staffing plans and based upon severity of the disaster consider pre-staging personnel and resources.



- Maintain roster of all support and coordinating agency contact persons, make necessary notifications, activate support agencies as necessary, and maintain ongoing communications to support mission assignments.
- Notify all support and coordinating agencies to place resources on stand by and activate emergency contracts with vendors.
- Dispatch resources as needed including vehicles, personnel, and equipment.
- Once personnel arrive at the emergency operations center, activate and log into electronic mission tracking system for ESF.

C. Mobilization

- Assure that incident facilities and NIMS compliant reporting systems are established and maintained, review Standard Operating Procedures (SOP).
- Notify primary, support and coordinating agencies as to readiness and needs. Establish communication with field personnel, and obtain status reports, notify OCEOC as to the readiness of ESF.
- Preposition assets and coordinate all law enforcement and security support resources to assure maximum support during recovery operations, including transport of essential goods and persons into the impacted area.

D. Response Phase

- Each agency with field personnel will conduct a situation/impact analysis of the impacted area and provide an evaluation of the impact and the identification of resources needed to support response and recovery operations.
- In the event of a man-made disaster or emergency condition, the initial responding personnel will take appropriate action in accordance with their Agency's Emergency Management Plan.
- In the event of an approaching hurricane, the Orange County Traffic Evacuation Plan will be put into effect; the initial elements of which are traffic control and shelter security.
- In the event Orange County is likely to become a victim county and take a direct strike from a hurricane, the necessary elements of the Sheriff's Office Hurricane Plan will be put into effect and the ESF #16 OCSO Agency EOC will be activated.

E. Short Term Recovery Phase

- Procedures initiating recovery and mitigation activities may occur simultaneously with the emergency response phase.



- All Orange County primary, support, and coordinating agencies will conduct a comprehensive damage assessment of their resources and facilities in compliance with the Federal Emergency Management Agency (FEMA) requirements. The primary and support agencies of this ESF will coordinate with the appropriate OCERT member where structural expertise is required to ensure the safety of all transportation system. The damage assessment results will be reported to the primary agency.
- The primary agency, in conjunction with the appropriate OCERT member, the Operations Manager and the EOC Manager will prioritize infrastructure restoration priorities to include debris removal from critical transportation system and emergency restoration efforts.
- Coordinate ESF #16 status information with ESF #5 for distribution to ESFs in the OCEOC and other responding organizations.
- In coordination with the EOC Operations Desk Manager, ESF #16 (Law Enforcement and Security) and other impacted ESFs, coordinate resource, security, and routing information for evacuations and traffic movement.
- ESF #16 will coordinate the return of all evacuees once an all clear has been issued and the safety of the returning evacuees can be assured.
- Duty hours will be adjusted and relief provided for necessary personnel.

F. Demobilization

- Each primary and support agency should assure that necessary operating facilities and reporting systems are deactivated and resources demobilized.
- Notify the EOC of the ESF #16 status of incident facilities and resources.
- Schedule debriefing session.

IV. Resource and Logistics Management

A. Resource Management Policies

- Under a state of emergency, all resources owned by the Board of County Commission can be deployed by the Primary or Support Agency responsible for these resources.
- The cost of resource deployments is absorbed within existing budgets of each Department and appropriate documents for financial reimbursement must be maintained by each agency as detailed in the financial management section of the Basic Plan.
- If a federal disaster declaration is issued, the eligible costs associated with response and recovery operations may be reimbursed through Federal Emergency Management Agency reimbursement funds as detailed in the Financial Management Section of the Basic Plan.



- Resource management objectives will incorporate the following: personnel, equipment, training and exercise, facilities, funding, expert knowledge, materials, and the time frames within which they will be needed; and quantity, response time, capability, limitations, cost, and liability connected with using the involved resources.
- Mutual Aid: ESF #16 will coordinate for the provision of all mutual aid resources to requesting parties outside of the county upon direction of the Emergency Management Director in accordance with appropriate resource management procedure, available assets, and in accordance with the Statewide Mutual Aid Agreement and/or guidelines set forth by the Florida Sheriffs Task Force.
- The Sheriff's Office will staff the ESF #16 OCSO Agency EOC and other Command Posts with necessary personnel to carry out the mission. Personnel allocation is provided for in the Agency's Critical Incident Management Guide.
- The Sheriff's Office has the following personnel units available for response to disaster or emergency conditions:
 - a) Special Weapons and Tactics Teams (SWAT)
 - b) Emergency Response Teams (ERT)
 - c) Hostage Negotiations Team
 - d) Under Water Recovery Teams
 - e) Critical Incident Management Team (CIMT)
 - f) Crisis Intervention Personnel (Victim Advocates)
 - g) Chaplains
- The Sheriff's Office has the following special equipment available for response to disaster or emergency conditions:
 - a) Aviation support - (helicopters and fixed wing)
 - b) Marked and unmarked vehicles
 - c) Technical Services vehicles with equipment
 - d) Personnel transport vehicles - (buses and vans)
 - e) Motorcycles
 - f) Horses from the Mounted Patrol Unit
 - g) Four-Wheel drive vehicles

B. Resource Typing

- Inventory. The primary agency for ESF #16 and each support agency will maintain a current inventory of their resources in compliance with NIMS resource typing standards. This will allow for the expeditious identification and procurement of external resources and assistance.
 - a) Personnel: Law enforcement officers, Tactical units, maintenance personnel, fueling personnel.



- b) Equipment & Materials: Police frequency radios, patrol vehicles, motorcycles, department authorized handguns, duty gear and equipment, bullhorns, buses, vans, four-wheel drive vehicles, air compressor, etc. Ensure all vehicles and equipment are properly maintained and available for use during an emergency.
- c) Incident Facilities: Incident command posts, staging areas, fixed routes, fueling sites, airports.

C. Training and Exercise

- Training

- a) It is the responsibility of each agency to assess, develop, and implement a training program for all personnel assigned responsibilities in this ESF.
- b) It is the responsibility of each agency to coordinate and track compliance with NIMS related training.
- c) Each agency must ensure that sufficient personnel are trained to perform assigned duties on a 24-hour basis and that all key positions have a depth of three persons.
- d) Training should be conducted for public, private, non profit, and volunteer personnel.

- Exercise

- a) In coordination with the Orange County Office of Emergency Management, the Primary agency will annually participate in at least one HSEEP compliant drill or exercise to test response and/or recovery responsibilities related to this ESF.
- b) Each ESF will assist in the development, review, and program enhancements outlined in the HSEEP compliant post exercise improvement plan.

V. References / Authorities

- A. Each Orange County Office of Emergency Management Primary and Support Agency is required to develop, coordinate, and implement operational procedures to support their assigned responsibilities. All operations will be conducted under the National Incident Management System and are written using a nationally accepted format. The following agencies have listed their plans and guidelines:

- Orange County Sheriff's Critical Incident Management Guide
- Orange County Traffic and Evacuation Plan



Emergency Support Function #17: Animal and Agricultural Issues

Primary Agency: Orange County Animal Services Division

Support Agencies: Orange County Parks and Recreation Division
Pet Alliance of Greater Orlando
University of Florida, Institute of Food and Agriculture
Sciences, Cooperative Extension and Research Service
Florida State Animal Response Team
Orange County Sheriff's Department
Orange County Health Department

Coordinating Organizations:

Veterinarian Associations
Back to Nature Wildlife Refuge
Fallin Pines Critter Rescue
Orange County Cattlemen Association
Clarcona Horsemen's Park
Freedom Ride Stables
Licensed Wildlife Rehabilitators¹
Florida Fish and Wildlife Conservation Commission
Human Society of the United States (HSUS) American
Society for Prevention of Cruelty to Animals
Florida State Animal Response Coalition
Florida Animal Control Association
D.A.R.T
Action Trapper
American Humane Association

I. Introduction

A. Purpose & Scope

The purpose of this Emergency Support Function (ESF) #17 is to identify, manage, and organize the response of resources needed for the veterinary needs and protection of pets, farm, and wild animals following a disaster and/or emergency.

B. Policies

1. Provide supplies, equipment and personnel to support pet-friendly shelters once they have been activated.

¹ Note: annually updated list is available from Florida Fish and Wildlife Conservation Commission

2. Assess emergency needs related to animal issues.
3. Conduct veterinary care and disaster control to mitigate stray and loose animals in the post disaster environment.
4. Coordinate the response to potentially diseased, rabid animals and exposed human populations.
5. Identify and coordinate equipment and supplies needed for animal related issues.
6. Coordinate the supply of animal food and medicine.
7. Secure and identify lost and stray domestic and exotic animals and when possible reunify them with their owners.
8. Collect and dispose of dead animals.

C. Planning Assumptions / Limitations / Resource Limitations

1. All County veterinary / animal care assets under the control of the Board of County Commissioners shall be made available to ESF #17 upon implementation of the Comprehensive Emergency Management Plan (CEMP).
2. Human lives may be lost due to the refusal to evacuate without their pets or livestock.
3. Large numbers of homeless and injured pets, livestock, and wild animals will result in a health, nuisance, and safety threat, which would necessitate a response to address the capture and subsequent sheltering of these animals.
4. The primary facility for the Animal Services Division does not have accommodations or equipment to handle or maintain livestock or similar large animals.
5. Veterinarians at designated shelters, private offices, and Emergency Veterinary Medical Assistance Teams (VMAT) may triage and treat sick and injured animals to include euthanasia, if necessary.
6. Inadequate food supplies will be a problem necessitating the procurement from commercial pet/livestock food stores. Various wild animal-related groups or state agencies would organize food drops for wild animals.
7. Accumulation of animal carcasses throughout Orange County will be a problem requiring removal to approved solid waste landfill sites and/or cremation.
8. Animal evacuation and reunification with their owners will also be an issue.

II. Organization and Responsibilities

This section identifies the responsibilities for each primary, support, and coordinating agency. Procedures, checklists, and job aids for implementing these responsibilities should be detailed in agency specific Standard Operating Procedures / Guidelines.

A. Primary Agency

Orange County Animal Services Division serves as the primary agency of ESF #17, which serves as the Veterinary / Animal Care Unit Leader under the Human Services Branch of the Operations section. This Unit reports directly to the Human Service Branch Chief.

1. Lines of Succession

The following is the line of succession of individuals with responsibility for coordination, control, and continuity of ESF #17 during an emergency: Assistant Manager, Program Manager of Enforcement Operations, Program Manager of Sheltering Operations.

2. EOC Representative

The Assistant Manager of Orange County Animal Services is designated as the primary agency ESF Coordinator and shall staff the Emergency Operations Center (EOC) upon notification and ensure 24-hour staffing coverage.

3. ESF Coordinator Responsibilities

- a. The Primary Agency ESF Coordinator will prioritize missions in coordination with Human Services Branch Chief / EOC Operations Desk Manager / EOC Manager based on life safety, incident stabilization and protection of property for the response to and recovery from the consequences of identified hazards.
- b. Annually, review and update SOG, train all personnel to fulfill their assigned responsibilities in accordance with their Standard Operating Procedures/Guidelines and the National Incident Management System.
- c. Either once every four years or upon request of the Emergency Management Director, review this ESF Annex and forward revisions to the Orange County Office of Emergency Management.
- d. The Orange County Animal Services Assistant Manager is designated as the primary contact and shall staff the Emergency Operations Center (EOC) upon activation and ensure 24-hour staffing coverage based on the level of activation.
- e. Maintain a listing of all available animal related resources within Orange County in conjunction with the SOPs.
- f. Develop and maintain standard operating procedures (SOPs) to allow for the efficient and effective mobilization of resources on a countywide basis, in time of disaster events.

- g. Coordinate the movement of animal care supplies, equipment, and support personnel to staging areas, pet-friendly shelters and throughout the impacted area.
- h. Implement animal care response teams in accordance with SOPs.
- i. Monitor and evaluate animal evacuations and provide transportation resources and/or referral of transportation resources to assist in the evacuation process.
- j. Monitor all animal care, regulation, and veterinary activities being conducted in conjunction with emergency operations.
- k. Coordinate the establishment and support of the Pet-Friendly Shelters in Orange County.
- l. Orange County Animal Services will set-up and staff temporary animal care sites in coordination with disaster response trained teams.
- m. Coordinate the provision of all mutual aid resources with requesting parties outside of the county in accordance with appropriate resource request procedures and based on available assets.
- n. Identify animal hospital care resources. Coordinate resource requests from animal hospitals/clinics and other facilities.
- o. Assist in evacuation and transport of animal care facilities if needed.
- p. Disseminate information about the emergency situation in coordination with ESF #14 (Public Information)/Joint Information Center.
- q. Coordinate with the Department of Health in the prevention and control of zoonotic diseases of public health significance.

B. Orange County Parks and Recreation Division

- 1. Provide facilities for the activation and operation of pet friendly shelters.

C. ESF#15 – Volunteer Services & ESF #17 – Animal Services

- 1. ESF #15 provides basic personnel for the operation of pet friendly shelters.
- 2. ESF#17 provides Animal Control Officers and other staff to properly supervise animals and animal related processes within pet-friendly shelters.

D. University of Florida, Institute of Food and Agriculture Sciences, Cooperative Extension and Research Service

- 1. Assess disaster impacts on the agricultural industry within the county.
- 2. Provide technical assistance in support of agricultural recovery operations.

E. Pet Alliance of Greater Orlando

1. Staff and operate the mobile spay and neuter clinic in support of triage operations in the post disaster environment.
2. Coordinate volunteers in conjunction with the lead agency to staff emergency response teams.
3. Provide veterinarian personnel in support of ESF #17 operations.

F. Human Society of the United States (HSUS)

1. In catastrophic level events where local resources are exhausted, HSUS and partner national level organizations will organize resources in support of local operations.

G. Florida Fish and Wildlife Conservation Commission

1. Assist in the evacuation of wildlife and exotic animals kept in major exhibits/wildlife dealers/circus facilities as needed.
2. Conduct damage assessments of permitted facilities housing wildlife or exotic animals.
3. Using specialized personnel and equipment, coordinate the capture of potentially dangerous or hazardous wildlife or exotic animals.

H. United States Department of Agriculture Farm Service Agency

1. Assist in damage assessment activities related to animal and agriculture industries.
2. Provide information and assistance to impacted animal and agriculture producers about USDA-sponsored damage assistance programs.

I. Clarcona Horsemen's Park

1. Provide stabling, care and feeding for private horse owners in the pre and post disaster environment.

J. Freedom Ride Stables

1. Provide stabling, care and feeding for private horse owners in the pre and post disaster environment.

K. Veterinarian Associations

1. Place appropriate veterinarians on standby for post-disaster assistance.
2. Provide a list of veterinarians who will shelter pets.

L. Orange County Cattlemen Association

1. Provide referral, transport and housing for large animal rescue in the pre and post disaster environment.

M. Licensed Wildlife Rehabilitators

1. Provide care, feeding, and rehabilitation for injured wildlife.
 - a. Back to Nature Wildlife Refuge
 - b. Falling Pines Critter Rescue
 - c. Birds of Prey (Audubon Society)
 - d. Sea World
 - e. CARE Wildlife Foundation

N. Orange County Sheriff's Department

1. Provides field support through the Agriculture unit for farm animal related Incidents

Human
Services

Human Services Branch
Chief

Animal and Agriculture Issues
ESF #17

III. Concept of Operations

A. General

1. During declared state of local emergency, the primary agency is responsible for implementing ESF #17 functions. A representative of ESF #17 will be available in the EOC during activations to respond to requests for support.
2. ESF #17 will coordinate and monitor all animal care, regulation, and veterinary activities being conducted in conjunction with emergency operations. It is anticipated that immediately after a disaster and/or emergency has occurred, an assessment of priority for resources will be conducted to determine the degree of support required from state and federal resources.
3. Before, during, and immediately after a significant emergency, ESF #17 will focus primarily on public and animal safety concerns. Support agencies will provide services as required by the Orange County Animal Services and Cooperative Extension.

B. Notification

1. Upon notification of EOC activation, provide appropriate representation to the OCEOC.
2. Implement 24-hour staffing plans and based upon severity of the disaster consider pre-staging personnel and resources.
3. Maintain roster of all support and coordinating agency contact persons, make necessary notifications, activate support agencies as necessary, and maintain ongoing communications to support mission assignments.
4. Notify all support and coordinating agencies to place resources on stand by and activate emergency contracts with vendors.
5. Once personnel arrive at the emergency operations center, activate and log into electronic mission tracking system for ESF.

C. Mobilization

1. Assure that incident facilities and NIMS compliant reporting systems are established and maintained, review Standard Operating Procedures (SOP).
2. Notify primary, support and coordinating agencies as to readiness and needs. Establish communication with field personnel, and obtain status reports, notify OCEOC as to the readiness of ESF.
3. Preposition assets and coordinate all veterinary / animal care resources to assure maximum support during recovery operations, including transport of essential goods and persons into the impacted area.

4. Dispatch resources including vehicles, personnel, and equipment in support of animal care facility evacuations, and provide limited transport for pets of persons with special needs as requested.
5. Provide supplies, personnel and resources to pet-friendly shelters as requested.

D. Response Phase

1. Conduct an impact assessment of the following facilities: pet-friendly shelters, the wildlife rehabilitators, Pet Alliance of Greater Orlando, and others as requested.
2. The primary agency will immediately identify, mobilize, and deploy an assessment team(s) to the disaster area(s) to determine the animal related public safety and health issues and priorities of animals as requested by ESF #16 law enforcement, Citizen's Information Line, ESF #9: Search and Rescue, Special Needs Shelter, or other source.
3. This ESF will provide assistance in the rescue of injured and stray animals; their sheltering, medical care, feeding, relocation, and reunification with owners.
4. This ESF will identify potential health and safety risks associated with diseased and/or rabid animals in the community including the rescue, transport, and condition assessment to determine available treatment recommendations and/or euthanasia as necessary. Coordinate with ESF #8 Health and Medical to identify recommendations for public health and safety.
5. Acquire additional food and supplies from vendors to support the relief efforts; continued coordination with other ESFs for timely and proper carcass disposal utilizing vendor resources.
6. As needed, activate and coordinate additional resources including the Mobile Triage Unit, VMAT's, volunteer resources, and veterinarian support.
7. Coordinate with private veterinarian service providers (see organizations listed above) to support additional resource needs.

E. Short Term Recovery Phase

1. Procedures initiating recovery and mitigation activities may occur simultaneously with the emergency response phase.
2. All Orange County primary, support, and coordinating agencies will conduct a comprehensive damage assessment of resources and facilities in compliance with the Federal Emergency Management Agency (FEMA) requirements. This ESF will coordinate with Fleet Management and Facilities Management where specific expertise is required to ensure the safety of all facilities. The damage assessment results will be reported to the primary agency/Branch Chief.
3. Coordinate ESF #17 status information with ESF #5 for distribution to ESFs in the OCEOC and other responding organizations.

F. Mitigation Requirements

Provide public education to the community on animal safety during disasters.

G. Demobilization

1. Each primary and support agency should assure that necessary operating facilities and reporting systems are deactivated and resources demobilized.
2. Notify the EOC of the ESF #17 status of incident facilities and resources.
3. Schedule debriefing session with all response personnel and monitor physical and mental health in the short term and long-term recovery process.
4. Conduct post event evaluation of response and recovery missions; update plans and procedures as necessary.

IV. Resource and Logistics Management

A. Resource Management Policies

1. Under a state of emergency, all resources owned by the Board of County Commission can be deployed by the Primary or Support Agency responsible for these resources.
2. The cost of resource deployments is absorbed within existing budgets of each Department and appropriate documents for financial reimbursement must be maintained by each agency as detailed in the financial management section of the Basic Plan.
3. If a federal disaster declaration is issued, the eligible costs associated with response and recovery operations may be reimbursed through Federal Emergency Management Agency reimbursement funds as detailed in the Financial Management Section of the Basic Plan.
4. Resource management objectives will incorporate the following: personnel, equipment, training and exercise, facilities, funding, expert knowledge, materials, and the time frames within which they will be needed; and quantity, response time, capability, limitations, cost, and liability connected with using the involved resources.
5. Mutual Aid: ESF #17 will coordinate for the provision of all mutual aid resources to requesting parties outside of the county upon direction of the Emergency Management Director in accordance with appropriate resource management procedure, available assets, and in accordance with the Statewide Mutual Aid Agreement.

B. Resource Typing

1. Inventory. The primary agency for ESF #17 and each support agency will maintain a current inventory of internal and external resources in compliance with NIMS resource typing standards. This will allow for the expeditious identification and procurement of external resources and assistance.

a) Personnel:

- (1) Large and small animal Rescue Strike Teams. Orange County currently has the personnel and resources to staff and equip 2 Type I small animal response teams. Personnel are currently focusing efforts to receive all required training to meet NIMS requirements.
- (2) Large and small animal Transport Teams. ESF #17 has a total of 27 vehicles for the transport of small animals. Most of these vehicles do not have four wheel drive capability. Additional NIMS typing specification are needed to determine typed resource capabilities for this classification.
- (3) Large and small animal Sheltering Teams including local volunteers to support shelter teams. ESF #17 in conjunction and coordination with its support agencies and volunteers, provide staffing, equipment, and supplies for 3 Pet-Friendly Shelters. Each sheltering team consists of a combination of professional animal care members and non-trained volunteers. Due to this combination of team composition, NIMS Type I requirements currently cannot be met. Additional NIMS typing specifications are needed to determine typed resource capabilities for this classification.

- b) Equipment & Materials: ESF #17 maintains a comprehensive list of resources in the ESF #17 Standard Operating Procedure, located in the EOC and at the Animal Services Headquarters.

c) Incident Facilities:

(1) Pet-Friendly Shelters:

- (a) Orlo Vista Park
- (b) Barnett Park
- (c) Bithlo Community Center (under Health and Family Services)

C. Training and Exercise

1. Training

- a) It is the responsibility of each agency to assess, develop, and implement a training program for all personnel assigned responsibilities in this ESF. Primary and support agency personnel will focus efforts on training for small animal rescue strike teams, small animal sheltering teams, and small animal transport teams.
- b) It is the responsibility of each agency to coordinate and track compliance with NIMS related training.
- c) Each agency must ensure that sufficient personnel are trained to perform their assigned duty on a 24-hour basis and that all key positions have a depth of three persons.
- d) Training must be conducted for public, private, nonprofit, and volunteer personnel.

2. Exercise

- a) In coordination with the Orange County Office of Emergency Management, the Primary agency will annually participate in at least one Homeland Security Exercise and Evaluation Program (HSEEP) compliant drill or exercise to test response and/or recovery responsibilities related to this ESF.
- b) Each ESF will assist in the development, review, and program enhancements outlined in the HSEEP compliant post exercise improvement plan.

D. Vendor Agreements

- 1. Apex Contract for carcass pick-up, transport, and disposal.

V. References / Authorities

- A. Each Primary and Support Agency is required to develop, coordinate, and implement operational procedures to support their assigned responsibilities. All operations will be conducted under the National Incident Management System and are written using a nationally accepted format.

Emergency Support Function #18: Business and Community

Primary Agency: Orange County Consumer Fraud Investigative Unit
Support Agencies: Orange County Neighborhood Services Division
Coordinating Organizations: Orange County Building Safety Division
Orange County Housing and
Community Development Division
Small Business Administration (SBA)
United States Department of Agriculture (USDA)
Orlando/Orange County Conventions and Visitor's
Bureau
Orange County Business Development Division
American Red Cross (ARC)
Workforce Central Florida, Inc.
Local Chambers of Commerce
Professional Business Organizations
Florida Restaurant & Lodging Association
Florida Dept. of Agriculture and Consumer Services
Florida Dept. of Business and Professional Regulation
Florida Dept. of Financial Services
Florida Dept. of Revenue
Florida Retail Federation
National Federation of Independent Businesses

I. Introduction

A. Purpose & Scope

1. Develop operational concepts to maximize the utilization of locally owned and operated business sector resources in the immediate aftermath of a large scale disaster.
2. Coordinate activities related to business resumption without the disruption or compromise of any county activities relating to life safety issues.
3. Support Orange County, municipalities, and neighborhood organizations in expediting long term business and economic recovery from a disaster event as well as re-establish the tourism based economic sector.
4. Assist in providing critical information to neighborhood organizations during disaster situations when transmission of information is limited. This ESF will be responsible for the outreach to homeowner associations, neighborhoods, citizen groups and businesses prior to and after an event or incident.

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5. Act as an advocate for the business community and neighborhood organizations.

B. Policies

1. Develop operational procedures and coordination protocols to assess damage and long-term impact to the business community in Orange County.
2. Coordinate with local chambers of commerce and business associations to establish operational procedures with locally owned and operated businesses which will expedite business recovery.
3. Define policies to expedite post disaster recovery and redevelopment for the private sector.
4. Identify coordination mechanisms to link local businesses to private and public sector sources of financial and recovery solutions.
5. Foster contingency plans for innovative methods of re-supply, distribution, communication, and transport.
6. Develop operational procedures to reach out to neighborhood organizations through direct contact and conduct impact assessment to identify areas in need of response and recovery assistance while also identifying the type of assistance needed

C. Planning Assumptions / Limitations / Resource Limitations

1. Some residents may refuse to evacuate their homes due to a shortage of shelters accepting pets.
2. Historic indicators predict that sixty percent of small businesses may not return following a catastrophic disaster.
3. Local businesses provide goods and services that will support disaster response and recovery operations. Prioritizing their use will enhance post disaster community and economic recovery efforts.
4. The tourism industry is a vital sector of economic recovery in Orange County and should receive priority in economic recovery decision making efforts. (Economic Development Office)
5. Contractors (particularly construction, electrical and waste management contractors) are major contributors to a catastrophic disaster response and recovery effort.
6. The lack of temporary housing or long-term shelters for response and recovery workers can be a serious impediment to post disaster response and recovery efforts.
7. The repair of critical infrastructure and facilities is paramount when establishing normal operations within a community to both the public and private sectors of the economy.
8. An obstacle to a local government trying to sustain its essential services is the reduction of county or city credit ratings. This can affect the local government's bonding capacity and other financial resources, making recovery even more difficult.

II. Organization and Responsibilities

This section identifies the responsibilities for each primary, support, and coordinating agency. Procedures, checklists, and job aids for implementing these responsibilities should be detailed in agency specific Standard Operating Procedures / Guidelines.

A. Primary Agency

Orange County Consumer Fraud Investigative Unit serves as the primary agency of ESF #18 and serves as the Community and Business Unit Leader under the Information and Planning Section. This Unit reports directly to the Information and Planning Section Chief (EOC Operations Desk Manager) / (EOC Supervisor).

1. Lines of Succession

The following is the line of succession of individuals with responsibility for coordination, control, and continuity of ESF #18 during an emergency: Manager of the Consumer Fraud Unit, Division Manager (does this title need to be changed?) of Neighborhood Services.

2. EOC Representative

The Manager of the Consumer Fraud Unit is designated as the primary contact and staffs the Emergency Operations Center (EOC) upon notification and ensures 24-hour staffing coverage.

3. ESF Coordinator's Responsibilities

- a. The Primary Agency's ESF Coordinator will prioritize missions in coordination with (EOC Operations Desk Manager) / (EOC Supervisor) based on life safety, incident stabilization and protection of property for the response to and recovery from the consequences of identified hazards.
- b. Annually review, update and train all personnel to fulfill their assigned responsibilities in accordance with their Standard Operating Procedures/Guidelines and the National Incident Management System.
- c. Either once every four years or upon request of the Emergency Management Director, review this ESF Annex and forward revisions to the Orange County Office of Emergency Management.
- d. Provide inventory of available vendors by tangible geographical area and identify contracting opportunities and partnerships between the public and private sectors.

3 B. Orange County Neighborhood Services Division

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
2. Contact local neighborhood and community organizations to provide preparedness, response, and recovery related information to the general community or district.

3. Work with local organizations in assisting various ethnic groups (Hispanic, Haitian, others) to ensure sufficient information flow during the response and recovery phase of the disaster.
4. Work in coordination with 311 to support two way information flow from the community and neighborhood association groups.

C. Orange County Building Safety Division

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
2. Consider the vital post disaster recovery needs of the business and residential community in prioritizing building and construction permit efforts.
3. Provide construction contractors to assist with search and rescue efforts.
4. Provide electrical contractors to inspect flooded areas post-storm.
5. Serve as liaison to the construction related business community and industry representatives.

D. Orange County Housing and Community Development Division

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
2. Identify areas with vulnerable populations in an effort to direct recovery services.
3. Identify and provide federal funding to support community recovery efforts.

E. Orlando / Orange County Convention and Visitor's Bureau

1. Support the post disaster public information and international marketing efforts to revitalize the tourism industry in the post disaster environment.

F. Orange County Business Development Division

1. Provide outreach to small business owners and operators helping to identify resources and needs for business resumption.

G. Local Chambers of Commerce

1. Provide liaison and act as an information conduit to reach the business community before, during, and after a disaster to provide preparedness and business resumption information including development of

- 4 contingency plans for innovative methods of re-supply, distribution, communication, and transport.
2. Provide any additional input for facilitating the resumption of business activities.

H. Professional Business Organizations

1. Provide liaison and act as an information conduit to reach the business community before, during, and after a disaster to provide preparedness and business resumption information including development of contingency plans for innovative methods of re-supply, distribution, communication, transport.

I. Small Business Administration (SBA)

1. Provide loans to businesses post disaster.
2. Identify and distribute information for grant programs available at the federal and state levels to help support business and economic recovery to support member businesses.

J. American Red Cross (ARC)

1. Conduct business and residential continuity planning outreach efforts.

K. Workforce Central Florida, Inc.

1. Provide job training and transition in support of business recovery and resumption efforts.
2. Identify immediate employment needs.
3. Provide a pool of available manpower needed for disaster response and recovery needs.

L. US Department of Agriculture

1. Provide subsidies for agricultural business that have been impacted by a disaster.

M. Florida Restaurant & Lodging Association

1. Coordinate accommodation resources in support of response and recovery operations.

N. Florida Dept. of Agriculture and Consumer Services

1. Support response and recovery efforts for the professions they regulate.

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O. Florida Dept. of Business and Professional Regulation

1. Support response and recovery coordination activities with regulated professions and businesses.

P. Florida Dept. of Financial Services

1. Support response and recovery coordination activities with the private insurance companies and financial institutions.

III. Concept of Operations

A. General

1. Identify opportunities between the public and private sector which will support business recovery efforts including restocking supplies and reestablishment of supply lines, acquisition of new equipment, restoration of facilities, provide services, and linkages to their existing and/or a new client base in the post disaster environment.
2. Identify and provide information conduits for grant programs available at the federal and state levels to help support business and economic recovery.
3. Coordinate with local economic development organizations and other sources of business damage impact information to determine general business needs and to determine the desire and need of the community to request activation of the Florida Small Business Emergency Bridge Loan Program and/or small business assistance centers and workshops.
4. Provide and coordinate access and reentry in the impacted area for vital business partners in order to conduct damage assessment and evaluating reopening probability.

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5. Develop a catastrophic regulatory scheme to put in place including local resource and capability for recovery, renovation, and rebuilding.
6. Create incentives and programs for minimizing business failures, closures, and relocations.
7. Form alliance with the Chamber of Commerce to support business recovery efforts.
8. Build partnerships with the business community for resource exchange.
9. Support planning, education and outreach programs enabling businesses to prepare for a catastrophic disaster.
10. Assist businesses in developing best practice procedures for employee accountability, post disaster housing alternatives, and employee assistance programs.
11. Develop effective communication method to distribute information to the business community in the post disaster environment working in close coordination with ESF #14.
12. Establish protocols and policies that clearly articulate how to meet required capabilities, fill gaps, and identify resource limitations for the reestablishment of the business sector.
13. Frame business, industry, and economic stabilization planning priorities. Resources for Communications, Food/Water Supplies, Temporary Housing, Medical/Safety Supplies, Animal Supplies / Veterinary Services, Building/Construction Supplies, Fuel / Energy, Financial, Transportation, and Waste Management may be supplied by private businesses.
14. Establish pre-event contracts to allow the private sector to supplement emergency management response and recovery activities.
15. Cross-train private sector businesses to utilize available resources.

16. Develop methods to communicate effectively between EM officials, the business community, neighborhood associations, and the public in general.
17. Engage businesses in the development of Business Continuity Plans (BCPs).
18. Coordination of local, state and federal business assistance is done primarily through networks of local and regional economic, workforce and tourism development partners, as well as business support organizations who determine the most efficient and effective ways to manage the access to these services at the local and regional level.
19. ESF #18 will support the Emergency Operations Center (EOC) local emergency responders through identification and solicitation of resources to meet identified needs.

B. Notification

1. Upon notification of EOC activation, provide appropriate representation to the OCEOC.
2. Implement 24-hour staffing plans and based upon severity of the disaster consider pre-staging personnel and resources.
3. Maintain roster of all support and coordinating agency contact persons, make necessary notifications, activate support agencies as necessary, and maintain ongoing communications to support mission assignments.

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4. Notify all support and coordinating agencies to place resources on stand by and activate emergency contracts with vendors.
5. Once personnel arrive at the emergency operations center, activate and log into electronic mission tracking system for ESF #18.

C. Mobilization

1. Assure that incident facilities and NIMS compliant reporting systems are established and maintained, review Standard Operating Procedures (SOP).
2. Notify primary, support and coordinating agencies as to readiness and needs. Establish communication with field personnel, and obtain status reports, notify OCEOC as to the readiness of ESF.
3. Preposition assets and coordinate all business and industry support resources to assure maximum support during recovery operations, including transport of essential goods and persons into the impacted area.
4. Perform necessary steps to ensure employees are paid.
5. Implement pre-event services contracts.

D. Response Phase

Working in coordination with ESF #18 partner organizations, implement a two way information flow to determine the situation/impact analysis of the impacted area and provide an evaluation of the impact and the identification of resources needed to support response and recovery operations.

E. Short Term Recovery Phase

1. Procedures initiating recovery and mitigation activities may occur simultaneously with the emergency response phase.
2. In conjunction with the appropriate OCERT (define) member, the EOC Operations Desk Manager and the EOC Supervisor will prioritize infrastructure restoration priorities to include debris removal from critical transportation system and emergency restoration efforts in support of business recovery efforts.
3. Coordinate ESF #18 status information with ESF #5 for distribution to ESFs in the OCEOC and other responding organizations.
4. Work in cooperation with ESF #16 Law Enforcement and Security to support and communicate reentry priorities with neighborhoods and businesses.

F. Mitigation Requirements

1. All Orange County primary, support, and coordinating agencies will incorporate the evaluation of mitigation initiatives during the damage assessment of resources and facilities.
2. Communicate and coordinate mitigation funding opportunities with the business sector and community organizations.

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G. Demobilization

Each primary and support agency should

1. Assure that necessary operating facilities and reporting systems are deactivated and resources demobilized.
2. Notify the EOC of the ESF #18 status of incident facilities and resources.
3. Schedule debriefing session with all response personnel and monitor physical and mental health in the short term and long-term recovery process.
4. Conduct post event evaluation of response and recovery missions; update plans and procedures as necessary and ensure that representatives of the business and neighborhood groups can provide input to support improvement actions.

IV. Resource and Logistics Management

A. Resource Management Policies

1. Under a state of emergency, all resources owned by the Board of County Commissioners can be deployed by the Primary or Support Agency responsible for these resources.
2. The cost of resource deployments is absorbed within existing budgets of each Department and appropriate documents for financial reimbursement must be

maintained by each agency as detailed in the financial management section of the Basic Plan.

3. If a federal disaster declaration is issued, the eligible costs associated with response and recovery operations may be reimbursed through Federal Emergency Management Agency reimbursement funds as detailed in the Financial Management Section of the Basic Plan.
4. Resource management objectives will incorporate the following: personnel, equipment, training and exercise, facilities, funding, expert knowledge, materials, and the time frames within which they will be needed; and quantity, response time, capability, limitations, cost, and liability connected with using the involved resources.
5. Mutual Aid: ESF #18 will coordinate for the provision of all mutual aid resources to requesting parties outside of the county upon direction of the Emergency Management Director in accordance with appropriate resource management procedure, available assets, and in accordance with the Statewide Mutual Aid Agreement.

B. Resource Typing

1. Inventory. The primary agency for ESF #18 and each support agency will develop an inventory of internal and external resources in compliance with NIMS (define) resource typing standards as they are developed by FEMA. The goal is to expedite procurement of external resources and assistance.

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- a) Personnel: Neighborhood Response Team, Business Recovery Team and others to be determined.

C. Training and Exercise

1. Training

- a) It is the responsibility of each agency or partnerships to assess, develop, and implement a training program for all personnel assigned responsibilities in this ESF.
- b) It is the responsibility of each agency to coordinate and track compliance with NIMS related training.
- c) Each agency must ensure that sufficient personnel are trained to perform their assigned duty on a 24-hour basis and that all key positions have a depth of three persons.
- d) Training must be conducted for public, private, nonprofit, and volunteer personnel.

2. Exercise

- a) In coordination with the Orange County Office of Emergency Management, the Primary agency will annually participate in at least one HSEEP

(define) compliant drill or exercise to test response and/or recovery responsibilities related to this ESF.

- b) Each ESF will assist in the development, review, and program enhancements outlined in the HSEEP compliant post exercise improvement plan.

V. References / Authorities

- A. Each Orange County Office of Emergency Management Primary and Support Agency is required to develop, coordinate, and implement operational procedures to support their assigned responsibilities. All operations will be conducted under the National Incident Management System and are written using a nationally accepted format. The following agencies have listed their policies and procedures:

- 1. Orange County Comprehensive Emergency Management Plan (CEMP)

Emergency Support Function #19: Damage Assessment

Primary Agency: Orange County Property Appraiser's Office

Support Agencies: Orange County Building Division

Coordinating Organizations:

Orange County Facilities Management Division
Orange County Fire Rescue
Orange County Parks & Recreation
Orange County Fleet Management
Orange County Utilities
Orange County Sheriff Office
City of Winter Park
City of Apopka
City of Bay Lake
City of Belle Isle
City of Eatonville
City of Edgewood
City of Lake Buena Vista
City of Maitland
City of Oakland
City of Ocoee
City of Orlando
City of Windermere
City of Winter Garden
Non Governmental Organizations (list available)

I. Introduction

A. Purpose & Scope

This Emergency Support Function (ESF) #19 is responsible for the collection, analysis, and distribution of damage assessment information for public and private buildings, businesses, private homes, and municipal jurisdictions in the event of a disaster and/or emergency.

B. Policies

1. Coordinate damage assessment data for public assistance eligible facilities in compliance with the federal Stafford Act.
2. Coordinate damage assessment data for private homes and businesses in compliance with the federal Stafford Act.
3. Coordinate mutual aid assignments.

C. Planning Assumptions / Limitations / Resource Limitations

1. All resources and equipment under the control of the Board of County Commissioners needed for damage assessment shall be made available to ESF #19 upon implementation of the Comprehensive Emergency Management Plan (CEMP).
2. A disaster and/or emergency may cause significant damage to Orange County businesses, homes, and infrastructure.
3. Damage assessment teams operations may be hampered by blocked roads and damaged infrastructure.
4. Adequate and thorough damage assessment surveys will be needed in order to request and receive State and Federal disaster assistance.

II. Organization and Responsibilities

This section identifies the responsibilities for each primary, support, and coordinating agency. Procedures, checklists, and job aids for implementing these responsibilities should be detailed in agency specific Standard Operating Procedures / Guidelines.

A. Primary Agency

The Orange County Property Appraiser's Office serves as the primary agency of ESF #19 serves as the Damage Assessment Unit Leader under the Planning Section. This Unit reports directly to the Planning Section Chief (EOC Operations Desk Manager / EOC Supervisor).

1. Lines of Succession

The following is the line of succession of individuals with responsibility for coordination, control, and continuity of ESF #19 during an emergency: Continuity of Government (COG).

- a. Kirt Thomas - ESF Coordinator
- b. Rick Singh – Orange County Property Appraiser
- c. Tatsiana Sokalava – COO
- d. Roger Ross – Director, Tax Roll, Customer Service, Exemptions
- e. Laverne McGee – Director, Communications & External Affairs
- f. Terry Taylor – Director, Residential Assessment

2. EOC Representative

The ESF Coordinator, Kirt Thomas, of Orange County Property Appraiser's Office is designated as the primary contact and shall staff the Emergency Operations Center (EOC) upon notification and ensure 24-hour staffing coverage.

3. ESF Coordinator Responsibilities

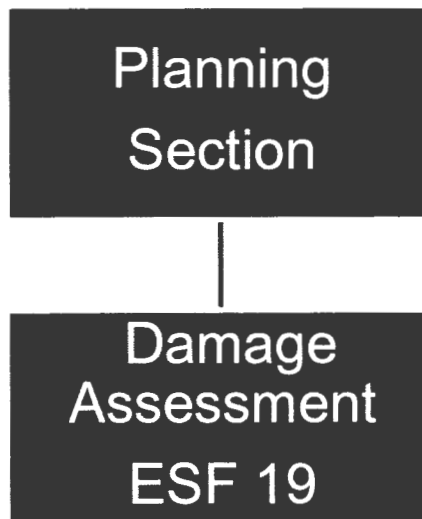
- a. The Primary Agency's ESF Coordinator will prioritize missions in coordination with the Planning and Information Section Chief (EOC Operations Desk Manager / EOC Supervisor) based on life safety, incident stabilization and protection of property for the response to and recovery from the consequences of identified hazards.
- b. Annually, review and update SOG, train all personnel to fulfill their assigned responsibilities in accordance with their Standard Operating Procedures/Guidelines and the National Incident Management System.
- c. Either once every four years or upon request of the Emergency Management Director, review this ESF Annex and forward revisions to the Orange County Office of Emergency Management.
- d. Coordinate mutual aid needs through the proper resource request procedure and maintain documentation for financial reimbursement once local resource capabilities have been exhausted.
- e. Coordinate for the provision of all mutual aid resources to requesting parties outside of the county upon direction of the Emergency Management Director in accordance with appropriate resource request procedure and available assets.
- f. Maintain operating procedures and a roster for all emergency support personnel for assigned responsibilities. Ensure staff are trained and exercised to implement emergency plan.
- g. Coordinate and conduct all damage assessment surveys throughout Orange County's public facilities and private homes and businesses utilizing the required Federal Emergency Management Agency format for federal public assistance (PA) and individual assistance (IA) programs. This collection of information will be critical in obtaining State and Federal disaster assistance.
- h. Coordinate the compilation of municipal damage assessment (PA and IA) reports for summary reporting and final reporting to the Office of Emergency Management.

B. Orange County Building Division

1. The Division of Building Safety will assist the Property Appraiser's Office in conducting damage assessment surveys by providing resources. Property Appraiser reserves the right to use their own vehicles for conducting damage assessment.
2. Conduct building safety assessments to determine the level of safety and habitability.
3. Provide an inventory to the primary agency of all available resources to support ESF #19 response and recovery operations and any revised procedures annually, by May 1.

C. Municipalities

1. Conduct damage assessment reports and forward information to the County Emergency Operations Center.



III. Concept of Operations

A. General

1. The Orange County Property Appraiser's Office is the primary agency for ESF #19 and will work with their support agencies in compiling and submitting damage assessment reports to Orange County Office of Emergency Management in a timely basis.
2. Reporting
 - a) Damage assessment teams shall make an initial assessment of damages immediately following a disaster and/or emergency. Reports submitted by the Property Appraiser will provide estimates by type and extent of the damage.
 - b) Municipal Damage assessment teams shall make initial reports of damages immediately following a disaster and/or emergency. Reports submitted to the Property Appraiser will provide estimates by type and extent of the damage.
 - c) The primary agency for ESF #19 will consolidate all damage assessment reports for summary reporting and final reporting to the Office of Emergency Management.
 - d) The Property Appraiser will submit Damage Assessment Reports to the Office of Emergency Management and ESFs #5 and #14 on a daily basis for the purpose of making available the most current damage assessment information.
 - e) Each damage assessment team shall maintain an accurate log indicating the time spent surveying the damaged areas, listing

materials, supplies, and equipment used and making estimates of the costs incurred making the investigation.

- f) Photographs, maps, site sketches, and other site specific information shall be made a part of each damage report.
- g) Preliminary Damage Assessment Criteria
 - 1) Affected – Structure has received minimal damage & is habitable without repairs
 - 2) Minor – Structure is damaged & uninhabitable. Minor repairs take less than 30 days. Not safe to stay. Minor damage to structural elements.
 - 3) Major – Sustained structural or significant damage and is currently uninhabitable. Extensive repairs are necessary, over 30 days. Frame damaged, roof partially off or collapse.
 - 4) Destroyed – Structure is a total loss. Not economically feasible to repair. Permanently uninhabitable. Structure is red-tagged / condemned.
- h) The Property Appraiser is responsible for coordinating Joint Preliminary Damage Assessment teams within the County.

3. Damage Assessment Teams

- a) The damage assessment teams will be primarily composed of staff from the Property Appraiser's Office and the Division of Building Safety. These two agencies will conduct damage assessment surveys throughout Orange County.
- b) The damage assessment teams will assess the damage impact to individuals and private businesses impacted by the disaster structures and areas in the County after a disaster or emergency, providing an estimate of the type and the extent of damages, including probable costs.
- c) Damage Assessment Categories
 - 1) Affected – Structure has received minimal damage & is habitable without repairs.
 - 2) Minor – Structure is damaged & uninhabitable. Minor repairs take less than 30 days. Not safe to stay. Minor damage to structural elements.
 - 3) Major – Sustained structural or significant damage and is currently uninhabitable. Extensive repairs are necessary, over 30 days, Frame damaged, roof partially off or collapsed.
 - 4) Destroyed – Structure is a total loss. Not economically feasible to repair. Permanently uninhabitable. Structure is red-tagged / condemned.
- d) Orange County Property Appraiser is responsible for coordinating Joint Preliminary Damage Assessment teams within the County.

B. Notification

1. Upon notification of EOC activation, provide appropriate representation to the OCEOC.
2. Implement 24-hour staffing plans and based upon severity of the disaster consider pre-staging personnel and resources.
3. Maintain roster of all support agency contact persons, make necessary notifications, activate support agencies as necessary, and maintain ongoing communications to support mission assignments.
4. Notify all support agencies to place resources on stand by.
5. Dispatch resources as needed including vehicles, personnel, and equipment.
6. Once personnel arrive at the emergency operations center, activate and log into electronic mission tracking system for ESF.

C. Mobilization

1. Assure that incident facilities and NIMS compliant reporting systems are established and maintained, review Standard Operating Procedures (SOP).
2. Notify primary and support agencies as to readiness and needs. Establish communication with field personnel and obtain status reports, notify OCEOC as to the readiness of ESF.

D. Response Phase

1. Each agency with field personnel will conduct a situation/impact analysis of the impacted area and provide an evaluation of the impacted area.
2. Contact other ESFs/ECOs to gain access to areas in order to conduct damage assessment surveys.
3. Each agency will oversee the safety and health of all of its field personnel.
4. Assist State and Federal teams in confirming and clarifying damage assessment surveys.

E. Short Term Recovery Phase

1. Procedures initiating recovery and mitigation activities may occur simultaneously with the emergency response phase.
2. Coordinate ESF #19 status information with ESF #5 for distribution to ESFs in the OCEOC and other responding organizations.

F. Mitigation Requirements

All Orange County primary and support agencies will incorporate the evaluation of mitigation initiatives during the damage assessment of resources and facilities.

G. Demobilization

1. Each primary and support agency should assure that necessary operating facilities and reporting systems are deactivated and resources demobilized.
2. Notify the EOC of the ESF#19 status of incident facilities and resources.
3. Schedule debriefing session with all response personnel and monitor physical and mental health in the short term and long-term recovery process.
4. Conduct post event evaluation of response and recovery missions; update plans and procedures as necessary.

IV. Resource and Logistics Management

A. Resource Management Policies

1. Under a state of emergency, all resources owned by the Board of County Commission can be deployed by the Primary or Support Agency responsible for these resources.
2. The cost of resource deployments is absorbed within existing budgets of each Department and appropriate documents for financial reimbursement must be maintained by each agency as detailed in the financial management section of the Basic Plan.
3. If a federal disaster declaration is issued, the eligible costs associated with response and recovery operations may be reimbursed through Federal Emergency Management Agency reimbursement funds as detailed in the Financial Management Section of the Basic Plan.
4. Resource management objectives will incorporate the following: personnel, equipment, training and exercise, facilities, funding, expert knowledge, materials, and the time frames within which they will be needed; and quantity, response time, capability, limitations, cost, and liability connected with using the involved resources.
5. Mutual Aid: ESF #19 will coordinate for the provision of damage assessment mutual aid resources to requesting parties outside of the county upon direction of the Emergency Management Director in accordance with appropriate resource management procedure, available assets, and in accordance with the Statewide Mutual Aid Agreement.

B. Resource Typing

1. Inventory. The primary agency for ESF #19 and each support agency will maintain a current inventory of internal and external resources in compliance with NIMS resource typing standards. This will allow for

the expeditious identification and procurement of external resources and assistance.

a) Personnel:

- (1) Individual Assistance PDA Team
- (2) Public Assistance PDA Team
- (3) Mitigation PDA Team

b) Equipment & Materials: Administrative supplies, Damage Assessment (IA and PA) FEMA forms. Ensure all vehicles are properly maintained and available for use during an emergency.

c) Incident Facilities: Fueling sites, staging areas

C. Training and Exercise

1. Training

- a) It is the responsibility of each agency to assess, develop, and implement a training program for all personnel assigned responsibilities in this ESF.
- b) It is the responsibility of each agency to coordinate and track compliance with NIMS related training.
- c) Each agency must ensure that sufficient personnel are trained to perform their assigned duty on a 24-hour basis and that all key positions have a depth of three persons.
- d) Training must be conducted for public, private, non profit, and volunteer personnel.

2. Exercise

- a) In coordination with the Orange County Office of Emergency Management, the Primary agency will annually participate in at least one HSEEP compliant drill or exercise to test response and/or recovery responsibilities related to this ESF.
- b) Each ESF will assist in the development, review, and program enhancements outlined in the HSEEP compliant post exercise improvement plan.

V. References / Authorities

- A. Each Orange County Office of Emergency Management Primary and Support Agency is required to develop, coordinate, and implement operational procedures to support their assigned responsibilities. All operations will be conducted under the National Incident Management

System and are written using a nationally accepted format. The following agencies have listed their policies and procedures:

1. Chapter 252, Florida Statutes
2. Governor's Executive Order Number 80-29
3. Florida State Administrative Rule 9G-7
4. Orange County Comprehensive Emergency Management Plan
5. Code of Federal Regulations, Title 24, Part 2205
6. Orange County Damage Assessment\Emergency Preparedness Overview
7. Orange County Damage Assessment Procedures,
8. Orange County Property Appraiser's Real Estate Damage Assessment Team Instructions
9. Orange County Property Appraiser's TPP Mobile Home Damage Assessment Procedures
10. FL Statute 553
11. Chapter 9 of the Orange County Code

The diagram consists of a 10x10 grid. The grid is divided into four main sections by horizontal lines. The top section (rows 1-3) is labeled 'Ez - Business' on the right. The second section (rows 4-5) is labeled 'Mn - Mobile Home' on the right. The third section (rows 6-7) is labeled 'Mf - Multi-Family' on the right. The bottom section (rows 8-10) is labeled 'J' on the right. To the left of the grid, there are various symbols and text: a black oval at the top left, a series of vertical lines, and a series of letters and symbols including 'E', 'e', 'a', 'P', 'P', 'g', 'o', 'e', 'u', 'c', 'l:m', 'p', '1 J n'. The grid itself contains various symbols, including a large 'f' in the top left, a large 'g' in the middle left, and a large 'e' in the bottom left. The grid is filled with a pattern of vertical lines and symbols, suggesting a data table or a complex diagram.

EVENT DAMAGE ASSESSMENT REPORT			
ORANGE COUNTY PROPERTY APPRAISER / ESF-19			
CATEGORY	TOTAL # PARCELS	NUMBER WITH DAMAGE	TOTAL ESTIMATED DAMAGE AMOUNT
MANUFACTURED HOMES			
REAL PROPERTY			
APOPKA PUBLIC BLDGS			
BELLE ISLE PUBLIC BLDGS			
EATONVILLE PUBLIC BLDGS			
EDGEWOOD PUBLIC BLDGS			
MAITLAND PUBLIC BLDGS			
OAKLAND PUBLIC BLDGS			
OCOE PUBLIC BLDGS			
ORLANDO PUBLIC BLDGS			
REEDY CREEK PUBLIC BUILDINGS			
WINDERMERE PUBLIC BLDGS			
WINTER GARDEN PUBLIC BLDGS			
WINTER PARK PUBLIC BLDGS			
ORANGE COUNTY PUBLIC SCHOOLS			
UCF PUBLIC BLDGS			
UNINCORPORATED ORANGE COUNTY PUBLIC BLDGS			
TOTALS	-	-	\$0

Emergency Support Function #20: Utilities (Water, Wastewater, Solid Waste)

Primary Agency: Orange County Utilities Department

Support Agencies: Orange County Public Works Department
Orlando Utilities Commission
Progress Energy
Florida Power and Light
City of Orlando
Florida Water/Wastewater Agency Response Network

Coordinating Organizations:

Florida Department of Environmental Protection
Orange County Administrative Services Department
Orange County Code Enforcement Division
Orange County Environmental Protection Division
Orange County Health and Family Services Department
Orange County Sheriff's Office
Orange County Fire Rescue Department
City of Winter Park
City of Apopka
City of Bay Lake
City of Belle Isle
City of Eatonville
City of Edgewood
City of Lake Buena Vista
City of Maitland
City of Oakland
City of Ocoee
City of Orlando
City of Windermere
City of Winter Garden

I. Introduction

A. Purpose & Scope

The purpose of this Emergency Support Function (ESF) #20 is to provide public utilities assistance with life-saving or life-protective measures prior to, during, and immediately following an emergency and/or disaster. Public utilities assistance will be provided by maintaining and restoring drinking water supply, wastewater treatment and disposal, and refuse and storm debris disposal.

B. Policies

1. Prioritize impacted areas based upon impact assessment data.
2. Restore utility transmission, distribution systems, treatment and disposal systems.
3. Prioritize and implement temporary emergency structural repairs at vital utility facilities.
4. Assist municipalities and hospitals in emergency repairs of vital facilities.
5. Provide technical advice and evaluations, engineering services, construction management and inspection, operations, and emergency contracting to sustain these activities.

C. Planning Assumptions / Limitations / Resource Limitations

1. All County utility assets under the control of the Board of County Commissioners shall be made available to ESF #20 upon implementation of the Comprehensive Emergency Management Plan (CEMP).
2. Structures, homes, public buildings, bridges, and other facilities will be destroyed or damaged and must be reinforced, demolished, or isolated to ensure safety.
3. Streets, highways, and other forms of transportation will be damaged or unusable. Damaged areas may be restricted and not readily accessible except by air.
4. Utilities equipment such as tanks, pumping facilities, pipelines, and electrical controls will be damaged and may be partially or fully inoperable.
5. There may be numerous incidents occurring simultaneously in separate locations to which the response must be made in a coordinated, prioritized manner.
6. Ground routes and transportation must be provided to allow access to disaster areas, so emergency road repairs and debris clearance will have top priority to support immediate life-saving emergency response activities.
7. The integrity of the public water supply must be assured, with strict attention to the appropriate treatment of sanitary sewer overflow and environmental run-off.
8. Rapid damage assessment of the disaster area will be necessary to identify priority target areas and potential workloads for planning the appropriate response.
9. All available Orange County Utilities resources in the disaster area, as well as the resources of other local governments and private utilities, may be committed or destroyed. Additional help may be needed from regional and state agencies in order to perform damage assessments, make emergency repairs to public facilities, and meet basic public health needs.
10. Emergency environmental waivers and legal clearances will be needed for storage and disposal of materials from debris clearance and demolition activities.
11. Legal requirements that delay the securing of contractors or purchasing of materials must be waived. The Director of Emergency Management has

the authority to waive such requirements and procedures upon declaration of a State or local emergency in accordance with County ordinances.

12. Standard communication equipment and practices may be disrupted or destroyed.
13. Response personnel and equipment may have difficulty reaching specific sites because of damage sustained in a catastrophic disaster.
14. Support services for all personnel and equipment may have to be provided from outside the disaster area.
15. Large numbers of skilled personnel, engineers, construction workers, equipment operators, etc., along with construction equipment and materials, may be needed from outside the disaster area.

II. Organization and Responsibilities

This section identifies the responsibilities for each primary, support, and coordinating agency. Procedures, checklists, and job aids for implementing these responsibilities should be detailed in agency specific Standard Operating Procedures / Guidelines.

A. Primary Agency

The Orange County Utilities Department serves as the primary agency of ESF #20 serves as the Utilities Unit Leader under the Logistics Section. This Unit reports directly to the Logistics Section Chief (EOC Operations Desk Manager) / EOC Supervisor).

1. Lines of Succession

The following is the line of succession of individuals with responsibility for coordination, control, and continuity of ESF #20 during an emergency: See Continuity of Government (COG),

2. EOC Representative

The Director of Orange County Utilities is designated as the primary contact and shall staff the Emergency Operations Center (EOC) upon notification and ensure 24-hour staffing coverage.

3. ESF Coordinator Responsibilities

- a. The Primary Agency's ESF Coordinator will prioritize missions in coordination with the Logistics Section Chief (EOC Operations Desk Manager) / EOC Supervisor) based on life safety, incident stabilization and protection of property for the response to and recovery from the consequences of identified hazards. Some of these hazards include, wastewater discharge, multiple lift stations inoperably as a result of power outage, broken water or wastewater mains, damage to above

ground storage tanks, hazardous chemical release, and disruption of potable water service.

- b. Annually, review and update SOG, train all personnel to fulfill their assigned responsibilities in accordance with their Standard Operating Procedures/Guidelines and the National Incident Management System.
- c. Either once every four years or upon request of the Emergency Management Director, review this ESF Annex and forward revisions to the Orange County Office of Emergency Management.
- d. Conduct damage assessment for all Orange County Utilities including debris removal, protective measures, and damage to facilities and equipment utilizing the required forms.
- e. Contain, direct, and treat wastewater and restore treatment plants and potable water distribution system to service.
- f. Establish access to solid waste disposal facilities.
- g. Restore water to ensure provision of fire flow.
- h. Assume the responsibility for providing potable water at a water treatment facility for loading water tankers.
- i. Maintain a roster of all support agency contact persons, make necessary notifications, activate support agencies as necessary, and maintain ongoing communications to support mission assignments.
- j. Coordinate mutual aid and private vendor resource needs through the proper resource request procedure and maintain documentation for financial reimbursement once local resource capabilities have been exhausted.
- k. Coordinate with utility companies to ensure the safety of emergency work crews and an efficient coordinated response effort.
- l. Assist in debris clearing by assisting Orange County Public Works Department on an as needed basis.

B. Orange County Public Works Department

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
2. Provide access to utility facilities by clearing debris and making roadway and drainage repairs along major access corridors.

C. Orlando Utilities Commission

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
2. Assist in the restoration of electric and water services to areas of Orange County that are within their area of responsibility.

D. Progress Energy

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.
2. Assist in the restoration of electric and water services to areas of Orange County that are within their area of responsibility.

E. City of Orlando

1. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.

F. Florida Water/Wastewater Agency Response Network (FLAWARN)

1. Provide additional resources from other water/wastewater service providers throughout the State.
2. Upon notification provide representation at the OCEOC and ensure 24-hour staffing.

G. Florida Department of Environmental Protection

1. This agency will direct its support for ESF #20 to facilitate approval for Orange County Utilities and its Support Agencies to provide emergency water, wastewater, refuse, and debris disposal services after a disaster event.

H. Orange County Administrative Services Department

1. As the primary agency for ESF #7 (Resource Support), Orange County Administrative Support Department will provide assistance in obtaining contracts for supplies, equipment, and services.

I. Orange County Code Enforcement Division

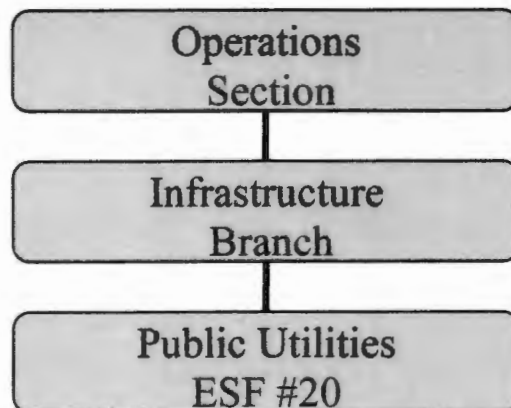
1. Assist in the management and coordination of debris management operations throughout Orange County.

J. Orange County Environmental Protection Division

1. This agency will direct its support for ESF #20 to facilitate approval for Orange County Utilities and its Support Agencies to provide emergency water services after a disaster event.

K. Orange County Health and Family Services Department

1. Provide notification and medical support in regards to health and medical concerns.



III. Concept of Operations

A. General

1. Orange County Utilities, as primary agency of ESF #20, will coordinate between Federal, State, and local agencies to restore its potable water, wastewater and refuse disposal systems, and provide damage assessment information on the utility infrastructure.
2. Upon activation of the Orange County Emergency Operations Center (OCEOC), Orange County Utilities representatives will staff the ESF #20 Desk in the EOC. Orange County Utilities will identify which Support Agencies for ESF #20 are needed and take the necessary steps to assure that the agencies are notified or placed on alert as appropriate.
3. To the extent possible, the Orange County Utilities will respond to requests for public utilities assistance throughout the County by coordinating mutual aid requests through the Emergency Operations Center. It is anticipated that these requests will concern the supply of potable water, restoration of water supply systems, restoration of wastewater systems, disposal of refuse, and the provision of water for fire fighting.

B. Notification

1. Upon notification of EOC activation, provide appropriate representation to the OCEOC.
2. Implement 24-hour staffing plans and based upon severity of the disaster consider pre-staging personnel and resources including Field Operations Centers (FOC).
3. Maintain roster of all support and coordinating agency contact persons, make necessary notifications, activate support agencies as necessary, and maintain ongoing communications to support mission assignments.

4. Notify all support and coordinating agencies to place resources on stand by and activate emergency contracts with vendors.
5. Dispatch resources as needed including vehicles, personnel, and equipment.
6. Once personnel arrive at the emergency operations center, activate and log into electronic mission tracking system for ESF.

C. Mobilization

1. Assure that incident facilities and NIMS compliant reporting systems are established and maintained, review Standard Operating Procedures (SOP).
2. Notify primary, support and coordinating agencies as to readiness and needs. Establish communication with field personnel, and obtain status reports, notify OCEOC as to the readiness of ESF.
3. Preposition assets and coordinate all utilities support resources to assure maximum support during recovery operations, including transport of essential goods and persons into the impacted area.
4. Review priorities established for debris removal and repair of damages with respect to individual Orange County Utilities sites.
5. Preparation for damage assessment of utility infrastructure.
6. Ensure mobilization of technical support services.

D. Response Phase

1. Each support agency with field personnel will conduct situation/impact analysis of the impacted area and provide an evaluation of the impact and the identification of resources needed to support response and recovery operations.
2. Orange County FOCs will conduct situation/impact analysis assessment.

E. Short Term Recovery Phase

1. Procedures initiating recovery and mitigation activities may occur simultaneously with the emergency response phase. ESF 20 has an active MOU with FlaWarn to provide additional resources from other water and wastewater providers throughout the state.
2. All Orange County primary, support, and coordinating agencies will conduct a comprehensive damage assessment of resources and facilities in compliance with the Federal Emergency Management Agency (FEMA) requirements. The primary and support agencies of this ESF will coordinate with the appropriate OCERT member where structural expertise is required to ensure the safety of all utility systems. The damage assessment results will be reported to the primary agency. The action taken by ESF 20 to identify, respond, and restore water and wastewater services is outline in the attached Damaged Assessment Activity document. More detailed activities such as debris removal are outlined in the Emergency Management Plan available at the OCEOC during activation.

3. The primary agency, in conjunction with the appropriate OCERT member, and the Logistics Section Chief (EOC Operations Desk Manager) / (EOC Supervisor) will prioritize infrastructure restoration priorities to include debris removal from critical utility system and emergency restoration efforts.
4. Coordinate ESF #20 status information with ESF #5 for distribution to ESFs in the OCEOC and other responding organizations.

F. Mitigation Requirements

1. All Orange County primary, support, and coordinating agencies will incorporate the evaluation of mitigation initiatives during the damage assessment of resources and facilities.
2. The primary and support agencies of this ESF will coordinate with the appropriate OCERT member to evaluate alternates for repairing and reconstructing infrastructure components to be more disaster resistant.
3. Provide technical assistance to initiate mitigation activities and water, wastewater, solid waste, and other utility infrastructure systems.

G. Demobilization

1. Each primary and support agency should assure that necessary operating facilities and reporting systems are deactivated and resources demobilized.
2. Notify the EOC of the ESF #20 status of incident facilities and resources.
3. Schedule debriefing session with all response personnel and monitor physical and mental health in the short term and long-term recovery process.
4. Conduct post event evaluation of response and recovery missions; update plans and procedures as necessary.

IV. Resource and Logistics Management

A. Resource Management Policies

1. Under a state of emergency, all resources owned by the Board of County Commission can be deployed by the Primary or Support Agency responsible for these resources.
2. The cost of resource deployments is absorbed within existing budgets of each Department and appropriate documents for financial reimbursement must be maintained by each agency as detailed in the financial management section of the Basic Plan.
3. If a federal disaster declaration is issued, the eligible costs associated with response and recovery operations may be reimbursed through Federal Emergency Management Agency reimbursement funds as detailed in the Financial Management Section of the Basic Plan.

4. Resource management objectives will incorporate the following: personnel, equipment, training and exercise, facilities, funding, expert knowledge, materials, and the time frames within which they will be needed; and quantity, response time, capability, limitations, cost, and liability connected with using the involved resources.
5. Mutual Aid: ESF #20 will coordinate for the provision of all mutual aid resources to requesting parties outside of the county upon direction of the Emergency Management Director in accordance with appropriate resource management procedure, available assets, and in accordance with the Statewide Mutual Aid Agreement.

B. Resource Typing

1. Inventory. The primary agency for ESF #20 and each support agency will maintain a current inventory of internal and external resources in compliance with NIMS resource typing standards. This will allow for the expeditious identification and procurement of external resources and assistance.
 - a) Personnel:
 - (1) Debris Management Monitoring Team
 - (2) Debris Management Site Reduction Team
 - (3) Debris Management Team
 - (4) Electrical Power Restoration Team
 - (5) Engineering Services
 - (6) Water Purification Team
 - b) Equipment & Materials: Ability to supply, support, and maintain an inventory of varying equipment specialties in assisting the handling of all aspects of potable water supply, wastewater treatment, refuse collection and disposal, debris disposal, restoring access to utility facilities, and damage assessment, i.e., Generators, Backhoe loader, concrete cutter/Multi-Processor for Hydraulic Excavator, Dump Trailer, Flat Bed Trailer Truck. Ensure all vehicles are properly maintained and available for use during an emergency.
 - c) Incident Facilities: Water and Waste Water facilities, Debris sites, fueling sites, staging areas.

C. Training and Exercise

1. Training
 - a) It is the responsibility of each agency to assess, develop, and implement a training program for all personnel assigned responsibilities in this ESF.
 - b) It is the responsibility of each agency to coordinate and track compliance with NIMS related training.

- c) Each agency must ensure that sufficient personnel are trained to perform their assigned duty on a 24-hour basis and that all key positions have a depth of three persons.
- d) All emergency response training records for all ESF 20 personnel assigned to emergency response duties are tracked and maintained by Orange County "One HR".
- e) Training must be conducted for public, private, non profit, and volunteer personnel.

2. Exercise

- a) In coordination with the Orange County Office of Emergency Management, the Primary agency will annually participate in at least one HSEEP compliant drill or exercise to test response and/or recovery responsibilities related to this ESF.
- b) Each ESF will assist in the development, review, and program enhancements outlined in the HSEEP compliant post exercise improvement plan.

V. References / Authorities

A. Each Orange County Office of Emergency Management Primary and Support Agency is required to develop, coordinate, and implement operational procedures to support their assigned responsibilities. All operations will be conducted under the National Incident Management System and are written using a nationally accepted format. The following agencies have listed their policies and procedures:

1. Orange County Utilities, Solid Waste Division, 2012, Emergency Management Plan (EMP).
2. Public Health Security and Bioterrorism Preparedness and Response Act of 2002.
3. Add other policies, water and water reclamation divisions
4. The following are the Territorial Agreements ESF 20 have with other adjacent utilities (inside and outside the County)
 - City of Apopka
 - Econ Utilities Corporation
 - City of Mount Dora
 - City of Ocoee
 - City of Orlando (Wastewater only)
 - Orlando Utilities Commission (water only)
 - Reedy Creek Improvement District
 - Tohopekaliga Water Authority (formerly City of Kissimmee)
 - City of Winter Garden
 - City of Winter Park

Hazard Summary Annex

Hazard Summary

Diseases and Pandemics

Several diseases present an annual threat to Orange County and its jurisdictions. Societal, environmental and technological factors impact the occurrence and persistence of diseases worldwide. These include, Animal, Human, Plan and Agriculture. For a more in depth analysis of these hazards, see the Local Mitigation Strategy (LMS) – section *Diseases and Pandemic* pp. 31-36

Public and Responders	Increase risk for illness exposure to both Public and Responders Depending on type of exposure there is a possibility for fatalities
Continuity of Operations and Program Operations	Decrease in staffing due sickened or quarantined workforce Disruption of service due to impact on resources
Property, Facilities, and Infrastructure	Limited Impact - Potential for disruption to electrical, telecommunications, road ways, water, wastewater infrastructure.
Delivery of Services	Increase demand for medical services
Public's Confidence in Jurisdiction's Governance	Elected Officials are ultimately held responsible for recovery from a major disaster/event. Public approval may decline if the recovery is not progressing quickly enough.
Economic Condition	Potential loss of revenue for Tourism and Agriculture industries
Environment	No significant impact on the environment.

Hazard Summary

Extreme Temperatures

Due to its geographical location Orange County and its jurisdictions are susceptible to extreme temperatures and its sub-hazards, these include: Droughts, freezes/winter storms and heat waves. For a more in depth analysis of these hazards , see the Local Mitigation Strategy (LMS) – *section Extreme Temperatures pp. 37-48*

Impacts

Public and Responders	Vulnerable populations such as the elderly, very young, homeless and those that are lower socio-economic status, have an increased vulnerability to extreme temperatures. The public and responders can be susceptible to injury and death from exposure to extreme temperatures Increased fatigue and distress from hazardous conditions
Continuity of Operations and Program Operations	Limited Impact
Property, Facilities, and Infrastructure	Limited Impact – During freezing temperatures water lines/pipes might freeze and burst. A drought or heat wave may impact water supplies causing water loss and or restrictions.
Delivery of Services	Increase demand for energy services could cause temporary power interruptions. Increase demand for water resources could lead to temporary restrictions.
Public's Confidence in Jurisdiction's Governance	Elected Officials are ultimately held responsible for recovery from a major disaster/event. Their approval may decline if the recovery is not progressing quickly enough
Economic Condition	Potential loss of revenue for Tourism and Agriculture industries
Environment	A reduction in ground water supplies creates a situation conducive to sinkholes Increase potential for wildfires Loss of fauna and flora due to lack of water and increased heat

Hazard Summary

Floods

Flood or Flooding is defined as a general and temporary condition of partial or complete inundation of normally dryland areas. In Orange County and its jurisdictions are floods are associated with normal rain fall that exceeds the capacity of drainage systems. For a more in depth analysis of this hazard, see the Local Mitigation Strategy (LMS) – section Floods pp. 48-60

Impacts

Public and Responders	Inundation of transportation roads can increase injury and loss of life Exposure to contaminated and wastewater Increased fatigue and distress Risk to life and safety while responding to populations affected by flooding
Continuity of Operations and Program Operations	Staff could experience difficulty reporting to work Operations may be interrupted if affected by flooding
Property, Facilities, and Infrastructure	Utility outages, transportation infrastructure closures Varying levels of damage to structures in low-lying areas Exposure to contaminated and wastewater
Delivery of Services	Increase demand for basic life support services. Transportation infrastructure closures will impact schedule for delivery of services such postal deliveries, bus schedules, etc.
Public's Confidence in Jurisdiction's Governance	Elected Officials are ultimately held responsible for recovery from a major disaster/event. Their approval may decline if the recovery is not progressing quickly enough
Economic Condition	Impact dependent on severity off flooding Potential loss of revenue for Tourism and Agriculture industries High impact on insurance industry (claims, rates)
Environment	Increased risk of exposure to hazardous materials Contaminated and back up water and sewage Displacement of wildlife may increase public health and safety issues

Hazard Summary

Severe Thunderstorms

Thunderstorms impacting Orange County and its jurisdictions are a regular occurrence, especially in the summer months. These include impacts from other hazards such as hail, lighting, and tornados. For a more in depth analysis of this hazard, see the Local Mitigation Strategy (LMS) – section *Severe Thunderstorms* pp. 61-74

Impacts

Public and Responders	Inundation of transportation roads can increase injury and loss of life Exposure to contaminated and wastewater Increased fatigue and distress Risk to life and safety while responding to populations affected by flooding
Continuity of Operations and Program Operations	Staff could experience difficulty reporting to work Operations may be interrupted if affected by flooding
Property, Facilities, and Infrastructure	Utility outages, transportation infrastructure closures Varying levels of damage to structures in low-lying areas Exposure to contaminated and wastewater
Delivery of Services	Increase demand for basic life support services. Transportation infrastructure closures will impact schedule for delivery of services such postal deliveries, bus schedules, etc.
Public's Confidence in Jurisdiction's Governance	Elected Officials are ultimately held responsible for recovery from a major disaster/event. Their approval may decline if the recovery is not progressing quickly enough
Economic Condition	Impact dependent on severity off flooding Potential loss of revenue for Tourism and Agriculture industries High impact on insurance industry (claims, rates)
Environment	Increased risk of exposure to hazardous materials Contaminated and back up water and sewage Displacement of wildlife may increase public health and safety issues

Hazard Summary

Sinkholes/Land-Subsidence

Orange County is susceptible to sinkholes ranging from slow-developing small diameter sinkholes to larger sinkholes that can develop with little or no warning. For a more in depth analysis of this hazard, see the Local Mitigation Strategy (LMS) – *section Sinkholes/Land-Subsidence pp. 74-78*

Impacts

Public and Responders	Low impact on public outside of the immediate collapse Low impact to responders Risk to health if drinking water is contaminated due to sinkhole/land-subsidence encroaching into aquifer
Continuity of Operations and Program Operations	Limited Impact
Property, Facilities, and Infrastructure	High probability for sinkhole/land-subsidence multiple occurrences that could affect both residents and businesses' property, facilities and Infrastructure.
Delivery of Services	Low impact.
Public's Confidence in Jurisdiction's Governance	Elected Officials are ultimately held responsible for recovery from a major disaster/event. Their approval may decline if the recovery is not progressing quickly enough
Economic Condition	High Impact Home values could be impacted due sinkhole/land-subsidence moderate impact on insurance industry (claims, rates)
Environment	Moderate impact Sinkhole/land-subsidence can affect the environment by threatening water supplies by draining water from streams, lakes, and wetlands directly into the aquifer. This could affect wildlife habitats.

Hazard Summary

Hazardous Materials

Orange County has more than 700 fixed facilities locations that report the presence of chemicals with over 200 sites having an EHS in mandated threshold amount. Since 2001 there have been 136 Hazmat incidents from a mixture of transportation and fixed facilities. For a more in depth analysis of this hazard, see the Local Mitigation Strategy (LMS) – section Hazardous Materials pp.79-86

Impacts

Public and Responders	Public- Can cause acute or chronic health effects, damage to property, serious injury, and even death. Responders- Extremely High Risk, would require mass decontamination, as well as a lengthy and complicated clean up and restoration effort.
Continuity of Operations and Program Operations	Low impact Depending of event location, staff could experience difficulty reporting to work
Property, Facilities, and Infrastructure	Low impact Facilities, property and infrastructure near the event could be a risk
Delivery of Services	Low impact, but there is a possibility of interruption of services such as water, wastewater if they become contaminated
Public's Confidence in Jurisdiction's Governance	Elected Officials are ultimately held responsible for recovery from a major disaster/event. Their approval may decline if the recovery is not progressing quickly enough
Economic Condition	Low impact
Environment	High impact to those areas directly affected by the hazardous materials, low to medium risk outside of immediate disaster zone.

Hazard Summary

Terrorism/CBRNE

Florida has many targets of opportunity for Terrorists—political, industrial, historical, and military. In June 12, 2016 the City of Orlando experienced a mass shooting, resulting in 49 deaths. For a more in depth analysis of this hazard the Local Mitigation Strategy (LMS) – section *Terrorism/ CBRNE pp. 86-90*

Impacts

Public and Responders	Public- High risk to both health and safety of the public, including damage to government and residential buildings, as well as possible danger from the release of hazardous materials. Responders- High risk of being affected, both by hazardous materials, as well as ballistics or explosives
Continuity of Operations and Program Operations	Magnitude of impact would be dependent on the event, scale, location and if CBRNE was dispersed
Property, Facilities, and Infrastructure	High impact to property, facilities, and infrastructure depending on attack
Delivery of Services	Impact would be completely dependent on what was targeted, and the magnitude of the attack. Delivery of Services would come to a crawl or even a possible halt.
Public's Confidence in Jurisdiction's Governance	Elected Officials are ultimately held responsible for recovery from a major disaster/event. Their approval may decline if the recovery is not progressing quickly enough
Economic Condition	Minor to High Impact Impact would be completely dependent on what was targeted, and the magnitude of the attack. Business and industry, ex: Tourism could be severely impacted.
Environment	Moderate impact Sinkhole/land-subsidence can affect the environment by threatening water supplies by draining water from streams, lakes, and wetlands directly into the aquifer. This could affect wildlife habitats.

Hazard Summary

Wildfires

Orange County experiences wildfires nearly every year in some form. Over the past five (5) years, there have not been any significant wildfires in Orange County. For a more in depth analysis of this hazard the Local Mitigation Strategy (LMS) – section Wildfire pp. 101-111

Impacts

Public and Responders	Public- High risk of sustaining property damage, as well as damage to overhead utilities. Possibility of displacement. Responders- High risk of injury due to the health impacts due fire suppression process.
Continuity of Operations and Program Operations	Low Impact to operations
Property, Facilities, and Infrastructure	Medium Impact Could lead to the destruction of homes and local businesses, as well as closure of roads and major highways due to smoke.
Delivery of Services	Impact would be completely dependent on the magnitude of the event. Delivery of Services could be impact by road closures.
Public's Confidence in Jurisdiction's Governance	Elected Officials are ultimately held responsible for recovery from a major disaster/event. Their approval may decline if the recovery is not progressing quickly enough
Economic Condition	Minor to High Impact Local businesses would be economically impacted not only because of potential destruction of buildings, but also potential destruction of product.
Environment	Moderate impact Pollutes the air, causing decreased quality of life. Displacement of animal populations and reduction or complete loss of habitats

Hazard Summary

Civil Disturbances, Critical Infrastructure Failure, Major Transportation Incidents, Mass Migration, Radiological /Nuclear accidents, Special Events.

Orange County considers the *Civil Disturbances, Critical Infrastructure Failure, Major Transportation Incidents, Mass Migration, Radiological /Nuclear accidents, Special Events* as having a low risk, vulnerability and impact and chooses to exclude these threats from an in deep analysis. See *Comprehensive Emergency Management Plan. Section Hazard Risk Identification and Vulnerability Descriptions p.15*

Impacts

Public and Responders	Low impact on public outside of the immediate collapse Low impact to responders
------------------------------	--

Continuity of Operations and Program Operations	Limited Impact
--	----------------

Property, Facilities, and Infrastructure	Low Impact
---	------------

Delivery of Services	Low Impact.
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Public's Confidence in Jurisdiction's Governance	Elected Officials are ultimately held responsible for recovery from a major disaster/event. Their approval may decline if the recovery is not progressing quickly enough
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Economic Condition	Low Impact
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Environment	Low Impact.
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***Traffic and Shelter Operations
Manual for Coastal Evacuations***

Revised May 2015

CONFIDENTIAL:

***Not for dissemination outside of the
Emergency Management Agencies***

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Orange County Sheriff's Office Emergency Management Unit

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Cell (321) 228-4289
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Orange County Sheriff's Office Traffic Section

Captain Ronald Chapman..... Office (407) 836-0800
Cell (407) 467-0936
Lieutenant Todd Gardiner..... Office (407) 836-0800
Cell (321) 228-5977

Orange County Sheriff's Office High Risk Incident Commander

Chief Deputy Michael McKinley..... Office (407) 254-7340
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Sheriff's Office Shelter Security Unit

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ORANGE COUNTY
Office of Emergency Management

Overview of
Traffic Operations Plans for Coastal Evacuations

The purpose of this plan is to deal with the influx of coastal evacuees into Orange County due to a "Homeland Security" threat (i.e. terrorist attack, hurricane, wildfire, etc...) somewhere within the state. The expected number of evacuees and the accompanying vehicular traffic will be based largely on the size and nature of the event.

The plan's operational methodology is that evacuation traffic enters Orange County on a number of pre-identified roadways. Shelter route signs placed along the affected roadways by Orange County Traffic Engineering, the Florida Department of Transportation, the Florida Turnpike and the Orlando-Orange County Expressway Authority direct the evacuation traffic to identified shelters. The shelter route signs are opened and closed as required by road crews provided by the Orange County Corrections Division. State and local law enforcement agencies staff pre-identified traffic posts to assist traffic in its movement. Via the County EOC the local media is utilized to inform the evacuees of activated shelters and routes. Security at the activated shelters is provided by local law enforcement agencies.

The County E.O.C. and a Traffic Operations Command Post should be established to facilitate the implementation of this plan. The operational execution of this plan is the responsibility of the below listed agencies operating under a Unified Command as specified within the National Incident Management System. The below matrix provides the annexes for each agency's traffic posts. The Office of Emergency Management is requesting that the participating agencies staff these identified locations in order that the plan may be successfully executed. Any agency involved in this plan is encouraged to have a representative at the Traffic Operations Command Post during traffic operations that are affecting their jurisdictions.

Participating Law Enforcement Agencies	Annexes Involved
Apopka Police Department	55; 65; 66
Edgewood Police Department	14; 22
Florida Highway Patrol	1; 2; 3; 5; 6; 7; 8; 10; 11; 12; 13; 15; 16; 17; 18; 20; 21; 22; 23; 25; 26; 27; 28; 29; 30; 31; 34; 36; 38; 40; 41; 42; 44; 46; 63; 69
Maitland Police Department	52; 56; 59; 62; 67; 69
Oakland Police Department	30; 31; 32; 34; 36; 38; 40; 63
Ocoee Police Department	13; 27; 29; 34; 36; 38; 65
Orlando Police Department	2; 5; 18; 22; 24; 25; 26; 37; 40; 41; 42; 44; 46; 56; 59; 62; 67; 68; 69
University of Central Florida Police Department	11; 49; 61
Winter Garden Police Department	13; 30; 32; 34
Orange County Sheriff's Office	1; 3; 4; 5; 6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 23; 24; 25; 26; 27; 28; 29; 31; 32; 33; 34; 35; 37; 38; 39; 40; 41; 42; 43; 44; 45; 46; 47; 48; 49; 50; 51; 52; 54; 55; 56; 58; 59; 61; 62; 64; 65; 66; 67; 68; 69; 70; 71; 72

Traffic Operations Manual for Coastal Evacuations

East Coast Evacuation

Legend: P – Primary Shelter
S – Secondary Shelter

T – Tertiary Shelter
O – Overflow Shelter

<u>ROUTE</u>	<u>SHELTER</u>	<u>ANNEX #</u>	<u>PAGE</u>	<u>OPENING</u>
East State Road 50	Corner Lake Middle School	1	12	P
	Timber Creek High School	6	22	S
	University of Central Florida	11	32	T
	Legacy Middle School	15	40	O
	Discovery Middle School	16	42	O
	Egress Route	21	52	
State Road 528	Odyssey Middle School	2	14	P
	Liberty Middle School	7	24	S
	Valencia Comm. College (East)	12	34	T
	Union Park Middle School	17	44	O
	Oak Ridge High School	22	54	O
	Walker Middle School	26	62	O
	Egress Route	28	66	
Florida Turnpike	Cypress Creek High School **	3	16	Inactive
	Meadow Woods Middle	8	22	P
	Ocoee High School	13	36	S
	Ocoee Middle School	29	68	T
	Gotha Middle School	27	64	O
	Jones High School	18	46	O
	Evans High School	23	56	O
	Lakeview Middle School	30	70	O
	Egress Route	31	72	
John Young Pkwy	Hunters Creek Middle School	4	18	P
	Freedom Middle School	71	154	S
	Westridge Middle School	9	28	O
	Oak Ridge High School	14	38	T
	Walker Middle School	19	48	O
	Egress Route	24	58	
Interstate 4	Dr. Phillips High School (Inactive)	5	20	P
	Southwest Middle School	10	30	S
	Chain of Lakes Middle School	20	50	T
	West Orange High School			O
	Egress Route	25	60	

* If the FHP Contra-Flow plan for SR 528 is activated, Oak Ridge & Walker are opened for SR 528. Oak Ridge and Odyssey annexes operated simultaneously. ** If the FHP Contra-Flow plan for the Florida Turnpike is activated, Cypress Creek H.S. and Meadow Woods M.S. annexes will be operated simultaneously.

Traffic Operations Manual for Coastal Evacuations
West Coast Evacuation

Legend: P – Primary Shelter T – Tertiary Shelter
 S – Secondary Shelter O – Overflow Shelter

<u>ROUTE</u>	<u>SHELTER</u>	<u>ANNEX #</u>	<u>PAGE</u>	<u>OPENING</u>
West State Road 50	Lakeview Middle School	32	74	P
	Ocoee High School	34	78	S
	Ocoee Middle School	36	82	T
	Gotha Middle School	38	86	O
	Egress Route	40	90	
State Road 417	Cypress Creek High School (Inactive)	33	76	P
	Meadow Woods Middle School	35	80	P
	Odyssey Middle School	37	84	S
	Liberty Middle School	39	88	T
	Valencia Comm. College (East)	43	96	O
	Union Park Middle School	45	100	O
	Legacy Middle School	48	106	O
	Discovery Middle School	47	104	O
	University of Central Florida	49	108	O
	Egress Route	28 / 50	66 / 110	
John Young Pkwy	Hunters Creek Middle School	4	18	P
	Freedom Middle School	72	154	S
	Westridge Middle School	9	28	T
	Oak Ridge High School	14	38	O
	Walker Middle School	19	48	O
	Egress Route	42	94	
Interstate 4	Dr. Phillips High School (Inactive)	5	20	P
	Southwest Middle School	10	30	S
	Chain of Lakes Middle School	20	50	T
	Evans High School	41	92	O
	Jones High School	44	98	O
	Egress Route	46	102	

Legend: P – Primary Shelter T – Tertiary Shelter
S – Secondary Shelter O – Overflow Shelter

<u>ROUTE</u>	<u>SHELTER</u>	<u>ANNEX #</u>	<u>PAGE</u>	<u>OPENING</u>
North U.S. 441	Wolf Lake Middle School	51	112	P
	Ocoee High School	65	140	S
	Apopka High School	66	142	T
	Egress Route	55	120	
State Road 417	Legacy Middle School	58	126	P
	Discovery Middle School	54	118	S
	University of Central Florida	61	132	T
	Liberty Middle School	64	138	O
	Valencia Comm. College (East)	67	144	O
	Odyssey Middle School	69	148	O
	Egress Route	70	150	
Florida Turnpike	Ocoee High School	34	78	P
	Ocoee Middle School	36	82	S
	Gotha Middle School	38	86	T
	Egress Route	63	136	
Interstate 4	Dr. Phillips High School	59	128	P
	Southwest Middle School	62	134	S
	Chain of Lakes Middle School	68	146	T
	Evans High School	52	114	O
	Jones High School	56	122	O
	West Orange High School			O
	Egress Route	69	148	
Florida Highway Patrol Annex		72	156	

2015 Persons with Special Needs (PSN's) Shelter Locations

There are approximately 4,100 registered PSN's in Orange County. Their addresses are in an Info Map layer. Transportation requests will be routed through 311 to Lynx.

1. University High School (East side of Orange County)
11501 Eastwood Drive, Orlando, FL 32817
2. Olympia High School (West side of Orange County)
4301 S. Apopka Vineland Rd., Orlando, FL 32835
3. Freedom High School (Overflow)
2500 West Taft Vineland Rd., Orlando, Florida 32837

2015 Pet Friendly Shelter Locations

1. Barnett Park
4801 W Colonial Dr. Orlando, FL 32808
2. Bithlo Park
18501 Washington Ave., Orlando, FL 32820
3. Orlo Vista Park
1 North Powers Dr., Orlando, FL 32835
4. Fort Gatlin
2009 Lake Margaret Dr., Orlando, FL 32806-5634

2015 County Employee Shelters

1. County Employees – Glen Ridge Middle School
2900 Upper Park Rd., Orlando, FL 32814
2. OEM Staff – Cheney Elementary School
2000 N. Forsyth Rd., Orlando, FL 32807
3. Shelters that provide child care for County employees are located at:
 - History Center
65 E. Central Blvd., Orlando, FL 32801
 - Orange County Convention Center
9800 International Dr., Orlando, FL 32819
 - First Baptist Church
3000 S. John Young Parkway Orlando, FL 32805

ORANGE COUNTY
Office of Emergency Management

Shelter Security

The Orange County Sheriff's Office and city police departments are responsible for providing security in shelters located within their jurisdictions. The below matrix identifies the responsible agency, school/shelter name, and involved annex.

Participating Law Enforcement Agencies	School/Shelter	Annexes Involved
Ocoee Police Department	Ocoee Middle School	29; 36
	Ocoee High School	13; 34; 65;
Apopka Police Department	Apopka High School	66
Orlando Police Department	Dr. Phillips High School	5; 59
	Jones High School	18; 44; 56
	Odyssey Middle School	2; 37; 68
University of Central Florida Police Department	University of Central Florida	11; 49; 61
Winter Garden Police Department	Lakeview Middle School	30; 32
Orange County Sheriff's Office	Corner Lakes Middle School	1
	Cypress Creek High School	3; 33
	Hunters Creek Middle School	4
	Timber Creek High School	6
	Liberty Middle School	7; 39; 64
	Meadow Woods Middle School	8; 35
	Westridge Middle School	9
	Southwest Middle School	10; 62
	Valencia Community College	12; 43; 66
	Oak Ridge High School	14; 22
	Legacy Middle School	15; 48; 58
	Discovery Middle School	16; 47; 54
	Union Park Middle School	17; 45
	Walker Middle School	19; 26
	Chain of Lakes Middle School	20; 67
	Evans High School	23; 41; 52
	Gotha Middle School	27; 38
	Freedom Middle School	72
	Wolf Lake Middle School	51

The law enforcement personnel from the involved agencies will be required to monitor the number of evacuees at their shelter. When a shelter is approximately two thirds full, the shelter law enforcement personnel will contact the Traffic Operations Command Post and advise of evacuee capacity.

At this point the commander or Unified Command of the traffic operation will make the decision, in consultation with the County EOC (Red Cross, OEM, School Board, ESF 16 Desk), as to when to direct evacuation traffic to the next shelter.

Law enforcement personnel needed at the entrance to a school's parking lot is the responsibility of the traffic operations group, not the shelter operations group.

The suggested law enforcement staffing allocation per shelter is:

- 10 – 500 evacuees, 4 law enforcement personnel – 2 for each 12 shift (alpha/bravo shifts)
- Over 500 evacuees, 6 law enforcement personnel – 3 for each 12 shift (alpha/bravo shifts)

ORANGE COUNTY
Office of Emergency Management

Lynx
Evacuation Route Transportation

The staging of buses along the evacuation routes for the purpose of picking up evacuees that have had their vehicles break down should be considered. The buses should be requested by the Traffic Operations Command Post via the ESF 16 desk at the county E.O.C.

East Coast Evacuation Routes:

- East SR 50 to include SR 408 (East-West Expressway)
- SR 528 (Beeline Expressway) to include SR 417 (Greenway)
- John Young Parkway
- Interstate 4
- Florida Turnpike

West Coast Evacuation Routes:

- West SR 50 to include SR 408 (East-West Expressway)
- Interstate 4
- John Young Parkway to include SR 528 (Beeline Expressway)
- SR 417 (Greenway)

North Florida Evacuation Routes:

- North US 441 to include SR 429
- Interstate 4
- SR 417 to include SR 528 (Beeline Expressway)
- Florida Turnpike

ORANGE COUNTY

Traffic Operations Manual for Coastal Evacuations Traffic Posts

East Coast Evacuation

ANNEX # 1

Corner Lake Middle School
1700 Chuluota Rd.

Evacuee Capacity:
Host: 618

Route: WB West SR 50 (Brevard county line) to NB Corner School Dr to School Entrance

Note: See Annex # 72 in reference to important FHP manning commitments.

Post #	Location	# of D/S	Duties
1	East SR 50 between the Brevard County line and SR 520	4	4 Deputies will work this isolated stretch of East SR 50 in two, 2-person marked 4x4 units. The duties of these deputies will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. These deputies will also escort the buses that are being used to pick-up the people stranded due to their disabled vehicles.
2	East SR 50 & SR 520	FHP	Monitor and if necessary assist north bound SR 520 evacuation traffic in merging with west bound SR 50 evacuation traffic.
3	East SR 50 & CR 13	1	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 evacuation traffic.
4	East SR 50 & SR 419	1	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 evacuation traffic.
5	East SR 50 & Corner School Dr	1	Monitor and if necessary assist evacuation traffic in turning from west bound East SR 50 onto north bound Corner School Dr.
6	Corner School Dr @ School Entrance	1	Monitor and if necessary assist evacuation traffic in turning from north bound Corner School Dr into the school entrance.

MANPOWER COUNT THIS ROUTE: - 8 DEPUTIES

- FHP TROOPERS

MATERIAL COUNT THIS ROUTE: - 2 TRAFFIC SIGNAL CONTROL BUTTON

- 2 TRAFFIC SIGNAL BOX KEY

ORANGE COUNTY

Traffic Operations Manual for Coastal Evacuations Shelter Route Sign Activation Manual

East Coast Evacuation

Abbreviations: **WB – West Bound** **EB – East Bound**
 NB - North Bound **SB - South Bound**
 SR - State Road **ADV - Advanced Warning of a Turn**

Annex # 1 Corner Lake Middle School

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
77	WB SR 50@ Orange/Brevard county line	1	Buckle Up	Straight	Yes	No
78	WB SR 50 @ Corner School Dr	5	Buckle Up	Right	Yes	Yes
80	NB Corner School Dr @ School Entrance	6	911	Right	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 2**Odyssey Middle School
9290 Lee Vista Blvd.****Evacuee Capacity:
Host: 800****Route: WB SR 520 to and/or WB SR 528 (Beeline Expressway) (Brevard county line) to NB SR 417 (Greenway) to WB Lee Vista Blvd. to School Entrance****Note: See Annex # 72 in reference to important FHP manning commitments.**

Post #	Location	# of D/S	Duties
1	From the Orange/Brevard County Lines on SR 528 and SR 520 to SR 417.	FHP	See Annex # 72 for FHP commitments for this area.
2	SR 417 @ Lee Vista Blvd	* 3	Two officers at the top of the off-ramp from NB SR 417 to Lee Vista Blvd. Monitor and if necessary assist evacuation traffic onto the off-ramp. One officer at the bottom of the off-ramp to assist evacuation traffic in turning onto west bound Lee Vista Blvd.
3	Lee Vista Blvd at the east entrance to the school	* 1	Control the traffic light with a traffic signal control button. Priority given to west bound Lee Vista Blvd. traffic turning into the entrance to the school.

MANPOWER COUNT THIS ROUTE: * - 4 ORLANDO POLICE DEPARTMENT OFFICERS**- FHP TROOPERS****MATERIAL COUNT THIS ROUTE: - 1 TRAFFIC SIGNAL CONTROL BUTTONS****- 1 TRAFFIC SIGNAL BOX KEYS****Shelter Route Sign Activation Manual****Abbreviations:****WB – West Bound
NB - North Bound
SR - State Road****EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn**

Annex # 2**Odyssey Middle School**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
16	NB SR 520 at Orange/Brevard county line	FHP	Buckle Up	Straight	Yes	No
17	NB SR 520 at SR 528	FHP	Buckle Up	Left	Yes	No
18	WB SR 528 at Orange/Brevard county line	FHP	Buckle Up	Straight	Yes	No
41	WB SR 528 west of Toll Plaza at SR 417 at the bottom of the on-ramp to NB SR 417	FHP	Buckle Up	Right	Yes	No
42	On-ramp to NB SR 417 from WB SR 528 At the ramp split to NB or SB SR 417	FHP	Buckle Up	Right	Yes	No
43	NB SR 417 south of the Lee Vista Blvd exit	2	Buckle Up	Right	Yes	Yes
44	Bottom of off-ramp from NB SR 417 @ Lee Vista Blvd	2	Buckle Up	Left	Yes	Yes
45	WB Lee Vista Blvd east of the east entrance to the school	3	9-1-1	Left	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 3**Cypress Creek High School
1101 Bear Crossing Dr.****Evacuee Capacity:
Host: 761****Route: NB Florida Turnpike (inside Osceola County) to WB Osceola Parkway to NB Orange Av. (SR 527) to School Entrance****Note: See Annex # 72 in reference to important FHP manning commitments.**

Post #	Location	# of D/S	Duties
1	Orange Av. & Town Center Blvd	1	Control the traffic light with a traffic signal control button. Priority given to north bound Orange Av. traffic.
2	Orange Av. & School Entrance	1	Control the traffic light with a traffic signal control button. Priority given to north bound Orange Av. traffic turning into the south entrance to the school.

MANPOWER COUNT THIS ROUTE: - 2 DEPUTY**MATERIAL COUNT THIS ROUTE: - 2 TRAFFIC SIGNAL CONTROL BUTTONS****- 2 TRAFFIC SIGNAL BOX KEYS**

NOTE: If this shelter is opened for “coastal evacuees” the Osceola County Sheriff’s Office must be notified and asked to activate shelter route signs and staff traffic posts within their county that support this shelter’s opening.

- **Traffic Posts**
 - **Top of off-ramp from NB Fl Turnpike at Osceola Pkwy**
 - **Top of off-ramp from SB Fl Turnpike at Osceola Pkwy**
 - **Osceola Pkwy at Michigan Av**
 - **Osceola Pkwy at CR 527**

Be aware that there are shelter route sign deficiencies in Osceola County.

- **A right arrow sign on WB Osceola Pkwy east of N. Dixie Hwy/CR 527 is not in place. This sign would direct Turnpike evacuation traffic to Cypress Creek High School in Orange County.**
- **The shelter sign at the top of the off-ramp from NB Florida Turnpike is an arrow that indicates a simultaneous right and left hand turn. This is fine if the Turnpike is contra-flowing and both Cypress Creek High and Meadow Woods Middle School are opened simultaneously. If Cypress Creek High School is the only shelter opening a method to cover the right arrow must be put in place.**

Shelter Route Sign Activation Manual

Abbreviations:**WB – West Bound
NB - North Bound
SR - State Road****EB – East Bound
SB - South Bound****ADV - Advanced Warning of a Turn**

INACTIVE DUE TO CONSTRUCTION

Annex # 3

Cypress Creek High School

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
65	NB Orange Av south of Town Center Blvd	1	9-1-1	Straight	Yes	Yes
66	NB Orange Av. @ south School Entrance	1	9-1-1	Left	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 4

**Hunters Creek Middle School
13400 Town Loop Blvd.**

**Evacuee Capacity:
Host: 706**

Route: NB John Young Pkwy (Osceola county line) to WB Town Center Blvd. to NB Town Loop Blvd. to School Entrance

Post #	Location	# of D/S	Duties
1	John Young Pkwy & Hunters Creek Blvd.	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
2	John Young Pkwy. & S. Town Loop Blvd.	1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic proceeding north bound on John Young Pkwy.
3	John Young Pkwy. & Town Center Blvd.	2	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic turning west bound onto Town Center Blvd. from north bound John Young Pkwy. Monitor and if necessary assist evacuation traffic in turning from north bound John Young Pkwy. onto west bound Town Center Blvd.
4	Town Center Blvd. & Town Loop Blvd.	1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic turning north bound onto Town Loop Blvd. from west bound Town Center Blvd.
5	Town Loop Blvd. & School Entrance	1	Monitor and if necessary assist evacuation traffic in entering the school.

MANPOWER COUNT THIS ROUTE: - 6 DEPUTIES

MATERIAL COUNT THIS ROUTE: - 4 TRAFFIC SIGNAL CONTROL BUTTON

- 4 TRAFFIC SIGNAL BOX KEY

Shelter Route Sign Activation Manual

Abbreviations:

**WB – West Bound
NB - North Bound
SR - State Road**

**EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn**

Annex # 4**Hunters Creek Middle School**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
1	NB John Young Pkwy @ Orange/Osceola county line	1	9-1-1	Straight	Yes	No
2	NB John Young Pkwy south side of Town Center Blvd intersection.	2	9-1-1	Left	Yes	Yes
3	WB Town Center Blvd. @ Town Loop Blvd.	4	9-1-1	Right	Yes	Yes
4	NB Town Loop Blvd. @ School Entrance	5	9-1-1	Left	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 5**Dr. Phillips High School
6500 Turkey Lake Rd.****Evacuee Capacity: 710
Host: 851****Route: EB I-4 (Osceola county line) to WB Sand Lake Rd. to NB Turkey Lake Rd. to School Entrance****Note: See Annex # 72 in reference to important FHP manning commitments.**

Post #	Location	# of D/S	Duties
1	I-4 from Osceola county line to Sand Lake Rd.	FHP	Troopers will work this stretch of I-4. The duties of these troopers will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
2	I-4 & Sand Lake Rd.	3	Control the traffic light with a traffic signal control button. Priority will be given to traffic turning west onto Sand Lake Rd. from east bound I-4 Sand Lake Rd. off-ramp. Monitor and if necessary assist evacuation traffic in turning from the I-4 off-ramp onto west bound Sand Lake Rd.
3	Sand Lake Rd. Off-ramp from west bound I-4 & Sand Lake Rd.	1	Control the traffic light with a traffic signal control button. Priority given to west bound Sand Lake Rd. traffic.
4	Sand Lake Rd. & Turkey Lake Rd.	2	Control the traffic light with a traffic signal control button. Priority given to west bound Sand Lake Rd. traffic. Monitor and if necessary assist evacuation traffic in turning from west bound Sand Lake Rd. onto north bound Turkey Lake Rd.
5	Turkey Lake Rd. & Wallace Rd.	* 1	Control the traffic light with a traffic signal control button. Priority given to north bound Turkey Lake Rd. traffic.
6	Turkey Lake Rd. & Panther Way	* 1	Control the traffic light with a traffic signal control button. Priority given to north bound Turkey Lake Rd. traffic.
7	Turkey Lake Rd. & Paw St.	* 3	Control the traffic light with a traffic signal control button. Priority will be given to north bound Turkey Lake Rd. evacuation traffic turning into the school entrance. Monitor and if necessary assist evacuation traffic in turning from north bound Turkey Lake Rd. into the school entrance at Paw St.

MANPOWER COUNT THIS ROUTE: - 6 DEPUTIES*** - 5 ORLANDO POLICE DEPARTMENT OFFICERS****- FHP TROOPERS****MATERIAL COUNT THIS ROUTE: - 6 TRAFFIC SIGNAL CONTROL BUTTONS****- 6 TRAFFIC SIGNAL BOX KEYS****Shelter Route Sign Activation Manual****Abbreviations:****WB – West Bound
NB - North Bound
SR - State Road****EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn**

Annex # 5**Dr. Phillips High School**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
	EB I – 4 east of SR 535	VMB at this location that could be utilized. (Direct shelter traffic to stay on EB I–4)				
	EB I – 4 west of Sand Lake Rd.	VMB at this location that could be utilized. (Direct shelter traffic to exit at Sand Lake Rd.)				
30	EB I-4 Off-Ramp to Sand Lake Rd	2	Buckle Up	Left	Yes	No
31	WB Sand Lake Rd. @ Turkey Lake Rd.	4	Buckle Up	Right	Yes	Yes
32	NB Turkey Lake Rd. south of Paw St.	7	9-1-1	Left	Yes	Yes

Sign directions along I-4 will be implemented by use of “in place” electronic variable message signs.

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 6**Timber Creek High School
1001 Avalon Park Bv.****Evacuee Capacity:
Host: 710****Route: WB West SR 50 (Brevard county line) to NB Alafaya Trl. to WB Lokanotosa Trl. to School Entrance****Note: See Annex # 72 in reference to important FHP manning commitments.**

Post #	Location	# of D/S	Duties
1	East SR 50 between the Brevard County line and SR 520	4	4 Deputies will work this isolated stretch of East SR 50 in two, 2-person marked or 4x4 units. The duties of these deputies will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. These deputies will also escort the buses that are being used to pick-up the people stranded due to their disabled vehicles.
2	East SR 50 & SR 520	FHP	Monitor and if necessary assist north bound SR 520 evacuation traffic in merging with west bound SR 50 evacuation traffic.
3	East SR 50 & CR 13	1	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 evacuation traffic.
4	East SR 50 & SR 419	1	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 traffic.
5	East SR 50 & Avalon Park Bv	2	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 traffic turning left onto south bound Avalon Park Bv.
6	Avalon Park Bv @ Castle Creek Elem. School Entrance	1*	Place this light on yellow flash if school is not in session. If the school is in session control the traffic light with a traffic signal button. Priority given to south bound Avalon Park Bv traffic.
7	Avalon Park Bv @ Waterford Chase Pt	1	Control the traffic light with a traffic signal button. Priority given to south bound Avalon Park Bv traffic.
8	Avalon Park Bv @ Crown Hill Bv	1	Control the traffic light with a traffic signal button. Priority given to south bound Avalon Park Bv traffic.
9	Avalon Park Bv. @ School Entrance	1	Control the traffic light with a traffic signal button. Priority given to evacuation traffic turning from south bound Avalon Park Bv into the school entrance.

MANPOWER COUNT THIS ROUTE:

- 12* DEPUTIES
- FHP TROOPERS

MATERIAL COUNT THIS ROUTE:

- 7 TRAFFIC SIGNAL CONTROL BUTTONS
- 7 TRAFFIC SIGNAL BOX KEYS

Shelter Route Sign Activation Manual**Abbreviations:****WB – West Bound
NB - North Bound
SR - State Road****EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn**

Annex # 6**Timber Creek High School**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
77	WB SR 50 at Orange/Brevard county line	1	Buckle Up	Straight	Previously Opened	No
83	WB SR 50 east of Avalon Park Bv	5	Buckle Up	Left	Yes	Yes
84	SB Avalon Park Bv @ School Entrance	7	9-1-1	Left	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 7**Liberty Middle School
3405 Chickasaw Trl.****Evacuee Capacity:
Host: 690****Route: WB SR 520 to and/or WB SR 528 (Beeline Expressway) (Brevard county line) to NB SR 417 (Greenway) to WB Curry Ford Rd. to SB Chickasaw Trl. to School Entrance****Note: See Annex # 72 in reference to important FHP manning commitments.**

Post #	Location	# of D/S	Duties
1	SR 528 between SR 520 to SR 417.	FHP	See Annex # 72 for FHP commitments for this area.
2	NB SR 417 @ Curry Ford off-ramp	1	Monitor and if necessary assist evacuation traffic in exiting from NB SR 417 onto the Curry Ford off-ramp.
3	Bottom of Curry Ford off-ramp @ Curry Ford Rd.	1	Control the traffic light with a traffic signal button. Priority given to traffic turning WB onto Curry Ford Rd. from the NB SR 417 off-ramp.
4	Bottom of Curry Ford off-ramp from SB SR 417 @ Curry Ford Rd.	1	Control the traffic light with a traffic signal button. Priority given to evacuation traffic traveling WB on Curry Ford Rd.
5	Curry Ford Rd. @ Econlockhatchee Trl.	1	Control the traffic light with a traffic signal button. Priority given to evacuation traffic traveling WB on Curry Ford Rd.
6	Curry Ford Rd. @ Chickasaw Trl.	1	Control the traffic light with a traffic signal button. Priority given to evacuation traffic turning onto SB Chickasaw Trl. from WB Curry Ford Rd.
7	Chickasaw Trl. @ School Entrance	1	Monitor and if necessary assist evacuation traffic in turning into the school entrance.

MANPOWER COUNT THIS ROUTE: - 6 DEPUTIES**- FHP TROOPERS****MATERIAL COUNT THIS ROUTE: - 4 TRAFFIC SIGNAL CONTROL BUTTON****- 4 TRAFFIC SIGNAL BOX KEY****Shelter Route Sign Activation Manual****Abbreviations:****WB – West Bound
NB - North Bound
SR - State Road****EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn**

Annex # 7**Liberty Middle School**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
16	NB SR 520 at Orange/Brevard county line	FHP	Buckle Up	Straight	Previously Opened	No
17	NB SR 520 at SR 528	FHP	Buckle Up	Left	Previously Opened	No
18	WB SR 528 at Orange/Brevard county line	FHP	Buckle Up	Straight	Previously Opened	No
41	WB SR 528 east of Toll Plaza at SR 417 at the bottom of the on-ramp to NB SR 417	FHP	Buckle Up	Right	Previously Opened	No
42	On-ramp to NB SR 417 from WB SR 528 at the ramp split to NB or SB SR 417	FHP	Buckle Up	Right	Previously Opened	No
46	NB SR 417 @ Curry Ford Rd. off-ramp	2	Buckle Up	Right	Yes	No
47	Bottom of Curry Ford Rd. off-ramp @ Curry Ford Rd.	3	Buckle Up	Left	Yes	No
48	WB Curry Ford Rd. @ Chickasaw Trl.	6	Buckle Up	Left	Yes	Yes
49	SB Chickasaw Trl. @ north school entrance	7	9-1-1	Left	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 8**Meadow Woods Middle School
1800 Rhode Island Woods Cir.****Evacuee Capacity:
Host: 618****Route: NB Florida Turnpike (inside Osceola County) to EB Osceola Parkway to NB Landstar Blvd. to EB Rhode Island Woods Cir. to School Entrance****Note: See Annex # 72 in reference to important FHP manning commitments.**

Post #	Location	# of D/S	Duties
1	Landstar Blvd @ Town Center Blvd/Rhode Island Woods Cir	1	Control the traffic light with a traffic signal control button. Priority given to north bound Landstar Blvd. traffic turning east bound onto Rhode Island Woods Cir.
2	Rhode Island Woods Cir @ School Entrance	1	Assist evacuation traffic in turning into the school parking lot.

MANPOWER COUNT THIS ROUTE: - 2 DEPUTIES**MATERIAL COUNT THIS ROUTE: - 1 TRAFFIC SIGNAL CONTROL BUTTON****- 1 TRAFFIC SIGNAL BOX KEY**

NOTE: If this shelter is opened for “coastal evacuees” the Osceola County Sheriff’s Office must be notified and asked to activate shelter route signs and staff traffic posts within their county that support this shelter’s opening.

- **Traffic Posts**
 - **Top of off-ramp from NB Fl Turnpike at Osceola Pkwy**
 - **Osceola Pkwy at Florida Pkwy**
 - **Osceola Pkwy at Buenaventura Blvd**

Be aware that there are shelter route sign deficiencies in Osceola County.

- **A left arrow sign on EB Osceola Pkwy west of Buenaventura Blvd is not in place. This sign would direct Turnpike evacuation traffic to Meadow Woods Middle School in Orange County.**
- **The shelter sign at the top of the off-ramp from NB Florida Turnpike is an arrow that indicates a simultaneous right and left hand turn. This is fine if the Turnpike is contra-flowing and both Cypress Creek High and Meadow Woods Middle School are opened simultaneously. If Meadow Woods Middle School is the only shelter opening a method to cover the left arrow must be put in place.**

Shelter Route Sign Activation Manual

Abbreviations:**WB – West Bound
NB - North Bound
SR - State Road****EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn**

ANNEX # 8**Meadow Woods Middle School**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
67	NB Landstar Blvd. @ Osceola county line	1	9-1-1	Straight	Yes	Yes
68	NB Landstar Blvd. south of Town Center Blvd / Rhode Island Woods Cir	1	9-1-1	Right	Yes	Yes
69	EB Rhode Island Woods Cir. @ south school entrance	2	9-1-1	Right	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 9**Westridge Middle School
3800 W. Oak Ridge Rd.****Evacuee Capacity:
Host: 695****Route: NB John Young Pkwy (Osceola county line) to WB Oak Ridge Rd. to School Entrance**

Post #	Location	# of D/S	Duties
1	John Young Pkwy & Hunters Creek Blvd.	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
2	John Young Pkwy. & S. Town Loop Blvd.	1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic proceeding north bound on John Young Pkwy.
3	John Young Pkwy. & Town Center Blvd.	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
4	John Young Pkwy. & SR 417 (south side of overpass)	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
5	John Young Pkwy. & N. Town Loop Blvd.	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
6	John Young Pkwy @ Deerfield Blvd	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
7	John Young Pkwy @ Menta St.	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
8	John Young Pkwy @ Whisper Lakes Blvd	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
9	John Young Pkwy. @ Central Florida Pkwy.	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy. Traffic.
10	John Young Pkwy. @ Taft-Vineland Rd	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy. Traffic.
11	John Young Pkwy @ Consulate Dr	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
12	John Young Pkwy @ Southpark Cir	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
13	John Young Pkwy. & Sand Lake Rd.	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy. Traffic.
14	John Young Pkwy. & Presidents Dr.	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy. Traffic.
15	John Young Pkwy. & Oak Ridge Rd.	3	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy. Traffic turning west bound onto Oak Ridge Rd.. Monitor and if necessary assist evacuation traffic in turning from north bound John Young Pkwy. onto west bound Oak Ridge Rd.
16	Oak Ridge Rd. & School Entrance	2	Monitor and if necessary assist evacuation traffic in turning from west bound Oak Ridge Rd. into the school entrance.

MANPOWER COUNT THIS ROUTE: - 19 DEPUTIES

MATERIAL COUNT THIS ROUTE: - 15 TRAFFIC SIGNAL CONTROL BUTTONS

- 15 TRAFFIC SIGNAL BOX KEYS

Shelter Route Sign Activation Manual

Abbreviations:

WB – West Bound
NB - North Bound
SR - State Road

EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn

ANNEX # 9

Westridge Middle School

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
1	NB John Young Pkwy @ Orange/Osceola county line	1	9-1-1	Straight	Previously Opened	No
5	NB John Young Pkwy south of SR 417	4	9-1-1	Straight	Yes	No
6	NB John Young Pkwy @ Central Florida Pkwy	9	9-1-1	Straight	Yes	Yes
7	NB John Young Pkwy south of Sand Lake Rd.	12	9-1-1	Straight	Yes	Yes
8	NB John Young Pkwy @ south of Oak Ridge Rd.	13	9-1-1	Adv. Left	Yes	Yes
9	NB John Young Pkwy @ Oak Ridge Rd.	13	9-1-1	Left	Yes	Yes
10	WB Oak Ridge Rd. @ School Entrance	14	9-1-1	Left	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 10**Southwest Middle School
6450 Dr. Phillips Blvd.****Evacuee Capacity:
Host: 541****Route: EB I-4 (Osceola county line) to WB Sand Lake Rd. to NB Dr. Phillips Blvd. to School Entrance****Note: See Annex # 72 in reference to important FHP manning commitments.**

Post #	Location	# of D/S	Duties
1	I-4 from Osceola county line to Sand Lake Rd.	FHP	Troopers will work this stretch of I-4. The duties of these troopers will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
2	I-4 & Sand Lake Rd.	3	Control the traffic light with a traffic signal control button. Priority will be given to traffic turning west onto Sand Lake Rd. from east bound I-4 Sand Lake Rd. off-ramp. Monitor and if necessary assist evacuation traffic in turning from the I-4 off-ramp onto west bound Sand Lake Rd.
3	Sand Lake Rd. Off-ramp from west bound I-4 & Sand Lake Rd.	1	Control the traffic light with a traffic signal control button. Priority given to west bound Sand Lake Rd. traffic.
4	Sand Lake Rd. & Turkey Lake Rd.	1	Control the traffic light with a traffic signal control button. Priority given to west bound Sand Lake Rd. traffic.
5	Sand Lake Rd. & Dr. Phillips Blvd.	2	Control the traffic light with a traffic signal control button. Priority given to west bound Sand Lake Rd. traffic. Monitor and if necessary assist evacuation traffic in turning from west bound Sand Lake Rd. onto north bound Dr. Phillips Blvd.
6	Dr. Phillips Blvd. & Della Dr.	1	Control the traffic light with a traffic signal control button. Priority given to north bound Dr. Phillips Blvd. traffic.
7	Dr. Phillips Blvd. & Wallace Rd.	1	Control the traffic light with a traffic signal control button. Priority given to north bound Dr. Phillips Blvd. traffic.
8	Dr. Phillips Blvd. & School Entrance	2	Control the traffic light with a traffic signal control button. Monitor and if necessary assist evacuation traffic in turning from north bound Dr. Phillips Blvd. into the school entrance. When this annex is closed down, place this light on flash.

MANPOWER COUNT THIS ROUTE: - 11 DEPUTIES**- FHP TROOPERS****MATERIAL COUNT THIS ROUTE: - 7 TRAFFIC SIGNAL CONTROL BUTTONS****- 7 TRAFFIC SIGNAL BOX KEYS****-****Shelter Route Sign Activation Manual****Abbreviations:****WB – West Bound
NB - North Bound
SR - State Road****EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn**

Annex # 10**Southwest Middle School**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
	EB I – 4 east of SR 535	VMB at this location that could be utilized. (Direct shelter traffic to stay on EB I–4)				
	EB I – 4 west of Sand Lake Rd.	VMB at this location that could be utilized. (Direct shelter traffic to exit at Sand Lake Rd.)				
30	EB I-4 Off-Ramp to Sand Lake Rd	2	Buckle Up	Left	Previously Opened	No
34	WB Sand Lake Rd. east of Dr. Phillips Blvd.	5	9-1-1	Right	Yes	No
35	NB Dr. Phillips Blvd. south of school entrance	8	9-1-1	Left	Yes	Yes

Sign directions along I-4 will be implemented by use of “in place” electronic variable message signs.

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 11

**University of Central Florida
4000 Central Florida Blvd.**

Evacuee Capacity:**Host: 2,075****Route: WB West SR 50 (Brevard county line) to NB Alafaya Trl. to EB Gemini Blvd. North/School Entrance**

Post #	Location	# of D/S	Duties
1	East SR 50 between the Brevard County line and SR 520	4	4 Deputies will work this isolated stretch of East SR 50 in two, 2-person marked or 4x4 units. The duties of these deputies will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. These deputies will also escort the buses that are being used to pick-up the people stranded due to their disabled vehicles.
2	East SR 50 & SR 520	FHP	Monitor and if necessary assist north bound SR 520 evacuation traffic in merging with west bound SR 50 evacuation traffic.
3	East SR 50 & CR 13	1	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 evacuation traffic.
4	East SR 50 & SR 419	1	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 traffic.
5	East SR 50 & Avalon Park Bv	1	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 traffic.
6	East SR 50 & Pebble Beach	1	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 traffic.
7	East SR 50 & Lake Pickett Rd.	1	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 traffic.
8	East SR 50 & Bonneville Dr.	1	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 traffic.
9	East SR 50 & SR 408	1	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 traffic.
10	East SR 50 & Woodbury Rd.	1	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 traffic.
11	East SR 50 & Sophie Blvd	1	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 traffic.
12	East SR 50 & Alafaya Trl.	3	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 traffic. Monitor and if necessary assist evacuation traffic in turning from west bound East SR 50 onto north bound Alafaya Trl.
13	Alafaya Trl. & Challenger Dr.	1	Control the traffic light with a traffic signal button. Priority given to north bound Alafaya Trl. traffic. Depending on the time of day this light could be put on flash and not manned.
14	Alafaya Trl. & Lokanotosa Trl	1	Control the traffic light with a traffic signal button. Priority given to north bound Alafaya Trl. traffic.
15	Alafaya Trl. & Research Pkwy	1	Control the traffic light with a traffic signal button. Priority given to north bound Alafaya Trl. traffic.
16	Alafaya Trl. & Central Florida Blvd	1	Control the traffic light with a traffic signal button. Priority given to north bound Alafaya Trl. traffic.
17	Alafaya Trl. & University Blvd	* 1	Control the traffic light with a traffic signal button. Priority given to north bound Alafaya Trl. traffic.
18	Alafaya Trl. & Centaurus Dr	* 1	Control the traffic light with a traffic signal button. Priority given to north bound Alafaya Trl. traffic.
19	Alafaya Trl. & Gemini Blvd. N.	* 1	Control the traffic light with a traffic signal button. Priority given to north bound Alafaya Trl. traffic turning east bound onto Gemini Blvd. N.

MANPOWER COUNT: 20 DEPUTIES, * 3 U.C.F. POLICE OFFICERS, - FHP TROOPERS. MATERIAL COUNT: 17 TRAFFIC BUTTONS AND KEYS.

Shelter Route Sign Activation Manual

Abbreviations:

WB – West Bound
NB - North Bound
SR - State Road

EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn

Annex # 11

University of Central Florida

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
77	WB SR 50 at Orange/Brevard county line	1	Buckle Up	Straight	Previously Opened	No
81	WB SR 50 @ Knight Av.	6	Buckle Up	Straight	Yes	No
82	WB SR 50 @ Alafaya Trl.	11	Buckle Up	Right	Yes	Yes
85	NB Alafaya Trl. @ University Blvd	16	Buckle Up	Straight	Yes	Yes
86	NB Alafaya Trl. south of Gemini Blvd. N.	18	Buckle Up	Right	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX #12**Valencia Community College (East Campus)
901 Econlockhatchee Trl****Evacuee Capacity:
Host: 699****Route: WB SR 520 to and/or WB SR 528 (Beeline Expressway) (Brevard county line) to NB SR 417 (Greenway) to WB Curry Ford Rd. to NB Econlockhatchee Trl. to School Entrance****Note: See Annex # 72 in reference to important FHP manning commitments.**

Post #	Location	# of D/S	Duties
1	SR 528 between SR 520 to SR 417	FHP	See Annex # 72 for FHP commitments for this area.
2	NB SR 417 @ Curry Ford off-ramp	1	Monitor and if necessary assist evacuation traffic in exiting from NB SR 417 onto the Curry Ford off-ramp.
3	Bottom of Curry Ford off-ramp @ Curry Ford Rd.	1	Control the traffic light with a traffic signal button. Priority given to traffic turning WB onto Curry Ford Rd. from the NB SR 417 off-ramp.
4	Bottom of Curry Ford off-ramp from SB SR 417 @ Curry Ford Rd.	1	Control the traffic light with a traffic signal button. Priority given to evacuation traffic traveling WB on Curry Ford Rd.
5	Curry Ford Rd @ Econlockhatchee Trl	1	Control the traffic light with a traffic signal button. Priority given to evacuation traffic turning north bound onto Econlockhatchee Trl. from WB Curry Ford Rd.
6	Econlockhatchee Trl. @ Lake Underhill Rd.	1	Control the traffic light with a traffic signal button. Priority given to evacuation traffic proceeding north bound on Econlockhatchee Trl.
7	Econlockhatchee Trl. @ Valencia College Ln.	3	Control the traffic light with a traffic signal button. Priority given to evacuation traffic proceeding north bound on Econlockhatchee Trl. turning into Valencia Community College. Assist traffic entering the parking lot.

MANPOWER COUNT THIS ROUTE: - 8 DEPUTIES**- FHP TROOPERS****MATERIAL COUNT THIS ROUTE: - 5 TRAFFIC SIGNAL CONTROL BUTTONS****- 5 TRAFFIC SIGNAL BOX KEYS**

Shelter Route Sign Activation Manual

Abbreviations:

WB – West Bound
NB - North Bound
SR - State Road

EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn

Annex # 12

Valencia Community College (East Campus)

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
16	NB SR 520 at Orange/Brevard county line	FHP	Buckle Up	Straight	Previously Opened	No
17	NB SR 520 at SR 528	FHP	Buckle Up	Left	Previously Opened	No
18	WB SR 528 at Orange/Brevard county line	FHP	Buckle Up	Straight	Previously Opened	No
41	WB SR 528 east of Toll Plaza at SR 417 at the bottom of the on-ramp to NB SR 417	FHP	Buckle Up	Right	Previously Opened	No
42	On-ramp to NB SR 417 from WB SR 528 at the ramp split to NB or SB SR 417	FHP	Buckle Up	Right	Previously Opened	No
46	NB SR 417 @ Curry Ford Rd. off-ramp	2	Buckle Up	Right	Previously Opened	Yes
47	Bottom of Curry Ford Rd. off-ramp @ Curry Ford Rd.	3	Buckle Up	Left	Previously Opened	Yes
50	WB Curry Ford Rd. east of Econlockhatchee Trl.	5	Buckle Up	Right	Yes	Yes
51	NB Econlockhatchee Trl. @ Berry Dease Rd.	6	9-1-1	Straight	Yes	Yes
52	NB Econlockhatchee Trl. south of Valencia College Ln.	7	9-1-1	Right	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 13**Ocoee High School****Evacuee Capacity:****1925 Ocoee Crown Point Pkwy****Host: Unknown at Time of Report**

Route: NB Florida Turnpike (Osceola county line) to NB SR 429 to WB West Rd. to NB Ocoee Apopka Rd. to WB Ocoee Crown Point Pkwy. to School Entrance

Note: See Annex # 72 in reference to important FHP manning commitments.

Post #	Location	# of D/S	Duties
1	North Bound Florida Turnpike & Off-ramp to SR 429	FHP	Monitor and if necessary assist evacuation traffic in exiting onto the SR 429 off-ramp from north bound Florida Turnpike.
2	SR 429 off-ramp at ramp split for north and south bound SR 429	FHP	Monitor and if necessary assist evacuation traffic in exiting onto the ramp to north bound SR 429 from the off-ramp from north bound Florida Turnpike.
3	NB SR 429 @ off-ramp to West Rd	2	One Officer at the bottom of the off-ramp will monitor and if needed assist evacuation traffic as it exits NB SR 429 onto the West Rd off-ramp. One Officer will control the traffic light with a traffic signal button at the top of the off-ramp at West Rd. Priority given to evacuation traffic turning WB onto West Rd.
4	West Rd. & off-ramp from SB SR 429	1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic proceeding west on West Rd.
5	Ocoee Crown Point Pkwy. @ School Entrance	1	Monitor and if necessary assist evacuation traffic in turning into the school entrance.

MANPOWER COUNT THIS ROUTE: - 4 OCOEE POLICE DEPARTMENT OFFICERS

- FHP TROOPERS

MATERIAL COUNT THIS ROUTE: - 2 TRAFFIC SIGNAL CONTROL BUTTONS

- 2 TRAFFIC SIGNAL BOX KEYS

Shelter Route Sign Activation Manual**Abbreviations:****WB – West Bound****EB – East Bound****NB - North Bound****SB - South Bound****SR - State Road****ADV - Advanced Warning of a Turn**

Annex # 13**Ocoee High School**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
106	NB Fl. Turnpike south of US 441 off-ramp	N/A	Buckle Up	Straight	Yes	No
	NB Florida Turnpike south of Sand Lake Rd.	VMB at this location that could be utilized. (Direct shelter traffic to exit at SR 429)				
107	NB Fl. Turnpike south of I-4 off-ramp	N/A	Buckle Up	Straight	Yes	No
108	NB FL Turnpike south of SR 429 off-ramp	N/A	Buckle Up	Movable Right	Yes	Yes
150	SR 429 off-ramp just prior to ramp split for north and south bound SR 429	FHP	Buckle Up	Right	Yes	Yes
111	NB SR 429 prior to off-ramp to West Rd.	2	Buckle Up	Right	Yes	Yes
112	Top of off-ramp from NB SR 429 at West Rd.	2	Buckle Up	Left	Yes	Yes
190	WB Ocoee Crown Point Pkwy @ School Entrance	7	9-1-1	Left	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 14 Oak Ridge High School, 6000 Winegard Rd., Evacuee Capacity:Host: 633
Route: NB John Young Pkwy (Osceola county line) to EB SR 528 (Beeline Expressway) to WB Jetport Rd. to NB Orange Av. to WB Oak Ridge Rd. to SB Winegard Rd. to School Entrance

Post	Location	#D/S	Duties
1	John Young Pkwy & Hunters Creek Blvd.	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
2	John Young Pkwy. & S. Town Loop Blvd.	1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic proceeding north bound on John Young Pkwy.
3	John Young Pkwy. & Town Center Blvd.	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
4	John Young Pkwy. & SR 417 (south side of overpass)	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
5	John Young Pkwy. & N. Town Loop Blvd	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
6	John Young Pkwy @ Deerfield Blvd	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
7	John Young Pkwy @ Menta St.	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
8	John Young Pkwy @ Whisper Lakes Blvd	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
9	John Young Pkwy. & Central Florida Pkwy.	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy. traffic.
10	John Young Pkwy. @ Taft-Vineland Rd	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy. Traffic.
11	John Young Pkwy @ on-ramp to EB SR 528	1	Monitor and if necessary assist evacuation traffic in turning from north bound John Young Pkwy onto the on-ramp to east bound SR 528
12	EB SR 528 @ toll plaza	1	Monitor and if necessary assist evacuation traffic passing through the toll plaza.
13	SR 528 from John Young Pkwy to Jetport Rd.	2	2 Deputies will work this stretch of SR 528 in a 2-person marked patrol unit. The duties of these deputies will be to patrol for the purpose of locating D.A.V.'s, crashes, and disturbances.
14	SR 528 & Jetport Rd.	3	Monitor and if necessary assist evacuation traffic in exiting from east bound SR 528 onto the west bound Jetport Rd. off-ramp. Monitor and if necessary assist evacuation traffic in turning from the off-ramp onto west bound Jetport Rd.
15	Jetport Rd. & Orange Av.	1	Control the traffic light with a traffic signal control button. Priority given to west bound Jetport Rd. traffic turning north onto Orange Av.
16	Orange Av. & Sand Lake Rd.	1	Control the traffic light with a traffic signal button. Priority given to north bound Orange Av.
17	Orange Av. & Nela Av.	1	Control the traffic light with a traffic signal button. Priority given to north bound Orange Av.
18	Orange Av. & Lancaster Av.	1	Control the traffic light with a traffic signal button. Priority given to north bound Orange Av.
19	Hansel Av. & Fairlane Av.	N/A	The traffic light at this location put on flash.
20	Hansel Av. & Oak Ridge Rd.	* 3	Control the traffic light with a traffic signal control button. Priority given to north bound Hansel Av. traffic. Monitor and if necessary assist evacuation traffic in turning from north bound Hansel Av. onto west bound Oak Ridge Rd.
21	Oak Ridge Rd. & Orange Av.	1	Control the traffic light with a traffic signal button. Priority given to west bound Oak Ridge Rd. traffic. This deputy will prior to taking his/her post, respond to the intersection of Fairlane Av. & Hansel Av. He/she will place the traffic light at this intersection on flash.
22	Oak Ridge Rd. & Winegard Rd.	2	Control the traffic light with a traffic signal button. Priority given to the traffic turning south bound onto Winegard Rd. from west bound Oak Ridge Rd. Monitor and if necessary assist evacuation traffic in turning from west bound Oak Ridge Rd. onto south bound Winegard Rd.
23	Winegard Rd. & School Entrance	1	Direct traffic into the appropriate entrance to the school.

MANPOWER COUNT: 25 DEPUTIES, 3 EDGEWOOD POLICE DEPARTMENT OFFICERS. MATERIAL COUNT 17 TRAFFIC SIGNAL CONTROL BUTTONS AND KEYS

Shelter Route Sign Activation Manual

Abbreviations:

WB – West Bound
NB - North Bound
SR - State Road

EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn

ANNEX # 14

Oak Ridge High School

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
1	NB John Young Pkwy @ Orange/Osceola county line	1	9-1-1	Straight	Previously Opened	No
5	NB John Young Pkwy south of SR. 417	4	9-1-1	Straight	Previously Opened	No
11	NB John Young Pkwy south of on-ramp to EB SR 528	10	9-1-1	Right	Yes	No
12	EB SR 528 west of South Orange Blossom Trl. Exit	13	Buckle Up	Straight	Yes	No
191	EB SR 528 west the toll plaza between US 441 and Orange Av.	13	Buckle Up	Straight	Yes	No
13	EB SR 528 west of Jetport Rd off-ramp	13	Buckle Up	Right	Yes	No
14	Jetport Rd @ EB SR 528 off-ramp	13	9-1-1	Right	Yes	No
15	WB Jetport Rd @ Orange Av	14	9-1-1	Right	Yes	No
23	NB Orange Av. @ Sand Lake Rd.	15	Buckle Up	Straight	Yes	No
24	NB Orange Av. @ Locust Av.	16	Buckle Up	Straight	Yes	Yes
25	NB Hansel Av. @ Wallace St.	18	Buckle Up	Left	Yes	Yes
26	WB Oak Ridge Rd. @ Winegard Rd.	20	9-1-1	Left	Yes	Yes
27	SB Winegard Rd. @ School Entrance	21	9-1-1	Right	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 15**Legacy Middle School
11398 Lake Underhill Rd.****Evacuee Capacity:
Host: Unknown at Time of Report****Route: WB East SR 50 (Brevard county line) to WB SR 408 to SB Rouse Rd. to EB Lake Underhill Rd to School Entrance****Note: See Annex # 72 in reference to important FHP manning commitments.**

Post #	Location	# of D/S	Duties
1	East SR 50 between the Brevard County line and SR 520	4	4 Deputies will work this isolated stretch of East SR 50 in two, 2-person marked or 4x4 units. The duties of these deputies will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. These deputies will also escort the buses that are being used to pick-up the people stranded due to their disabled vehicles.
2	East SR 50 & SR 520	FHP	Monitor and if necessary assist north bound SR 520 evacuation traffic in merging with west bound SR 50 evacuation traffic.
3	East SR 50 & CR 13	1	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 evacuation traffic.
4	East SR 50 & SR 419	1	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 traffic.
5	East SR 50 & Avalon Park Bv	1	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 traffic.
6	East SR 50 & Pebble Bch.	1	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 traffic.
7	East SR 50 & Lake Pickett Rd.	1	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 traffic.
8	East SR 50 & Bonneville Dr.	1	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 traffic.
9	East SR 50 & SR 408	3	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 traffic. Monitor and if necessary assist evacuation traffic in exiting from west bound East SR 50 onto the west bound SR 408 on-ramp.
10	WB SR 408 @ Rouse Rd. off-ramp	1	Monitor and if necessary assist evacuation traffic in exiting from west bound SR 408 onto the Rouse Rd. off-ramp.
11	Bottom of Rouse Rd. off-ramp @ Rouse Rd.	2	Control the traffic light with a traffic signal button. Priority given to evacuation traffic entering onto south bound Rouse Rd. from west bound SR 408. Monitor and if necessary assist evacuation traffic in merging onto SB Rouse Rd. from the SR 408 off-ramp.
12	Rouse Rd. @ bottom of off-ramp from east bound SR 408	1	Control the traffic light with a traffic signal button. Priority given to south bound Rouse Rd. traffic.
13	Rouse Rd. @ Lake Underhill Rd.	1	Control the traffic light with a traffic signal button. Priority given to south bound Rouse Rd. traffic turning onto east bound Lake Underhill Rd.
14	Lake Underhill Rd. @ School Entrance	2	Control the traffic light with a traffic signal button. Priority given to east bound Lake Underhill Rd. evacuation traffic turning into the school entrance.

MANPOWER COUNT THIS ROUTE: - 20 DEPUTIES
 - FHP TROOPERS

MATERIAL COUNT THIS ROUTE: - 11 TRAFFIC SIGNAL CONTROL BUTTONS
 - 11 TRAFFIC SIGNAL BOX KEYS

Shelter Route Sign Activation Manual

Abbreviations:	WB – West Bound	EB – East Bound
	NB - North Bound	SB - South Bound
	SR - State Road	ADV - Advanced Warning of a Turn

ANNEX # 15**Legacy Middle School**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
77	WB SR 50 at Orange/Brevard county line	1	Buckle Up	Straight	Previously Opened	No
81	WB SR 50 @ Lk. Knight Av	7	Buckle Up	Straight	Previously Opened	No
87	WB SR 50 @ Bonnieville Dr.	8	Buckle Up	Right	Yes	No
88	WB SR 50 @ SR 408 on-ramp	9	Buckle Up	Right	Yes	No
89	WB SR 408 @ Rouse Rd. exit	10	Buckle Up	Right	Yes	No
90	Bottom of Rouse Rd. off-ramp @ Rouse Rd.	11	Buckle Up	Right	Yes	No
91	SB Rouse Rd. north of Lake Underhill Rd.	13	9-1-1	Left	Yes	No
38	Lake Underhill Rd. west of the School Entrance	14	9-1-1	Right	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 16**Discovery Middle School
601 Woodbury Rd.****Evacuee Capacity:****Host: 618****Route: WB East SR 50 (Brevard county line) to WB SR 408 to SB Rouse Rd. to EB Lake Underhill Rd. to SB Woodbury Dr. to School Entrance****Note: See Annex # 72 in reference to important FHP manning commitments.**

Post #	Location	# of D/S	Duties
1	East SR 50 between the Brevard County line and SR 520	4	4 Deputies will work this isolated stretch of East SR 50 in two, 2-person marked or 4x4 units. The duties of these deputies will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. These deputies will also escort the buses that are being used to pick-up the people stranded due to their disabled vehicles.
2	East SR 50 & SR 520	FHP	Monitor and if necessary assist north bound SR 520 evacuation traffic in merging with west bound SR 50 evacuation traffic.
3	East SR 50 & CR 13	1	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 evacuation traffic.
4	East SR 50 & SR 419	1	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 traffic.
5	East SR 50 & Avalon Park Bv	1	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 traffic.
6	East SR 50 & Pebble Bch.	1	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 traffic.
7	East SR 50 & Lake Pickett Rd.	1	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 traffic.
8	East SR 50 & Bonneville Dr.	1	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 traffic.
9	East SR 50 & SR 408	3	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 traffic. Monitor and if necessary assist evacuation traffic in exiting from west bound East SR 50 onto the west bound SR 408 on-ramp.
10	WB SR 408 @ Rouse Rd. off-ramp	1	Monitor and if necessary assist evacuation traffic in exiting from west bound SR 408 onto the Rouse Rd. off-ramp.
11	Bottom of Rouse Rd. off-ramp @ Rouse Rd.	2	Control the traffic light with a traffic signal button. Priority given to evacuation traffic entering onto south bound Rouse Rd. from west bound SR 408. Monitor and if necessary assist evacuation traffic in merging onto SB Rouse Rd. from the SR 408 off-ramp.
12	Rouse Rd. @ bottom of off-ramp from east bound SR 408	1	Control the traffic light with a traffic signal button. Priority given to south bound Rouse Rd. traffic.
13	Rouse Rd. @ Lake Underhill Rd.	1	Control the traffic light with a traffic signal button. Priority given to south bound Rouse Rd. traffic turning onto east bound Lake Underhill Rd.
14	Lake Underhill Rd. @ Legacy MS	1	Control the traffic light with a traffic signal button. Priority to EB Lake Underhill Rd. traffic.
15	Lake Underhill Rd. @ Huckleberry Finn Dr.	1	Control the traffic light with a traffic signal button. Priority given to east bound Lake Underhill Rd. traffic.
16	Lake Underhill Rd. @ Alafaya Trl.	1	Control the traffic light with a traffic signal button. Priority to EB Lake Underhill Rd. traffic.
17	Lake Underhill @ Mark Twain Blvd	1	Control the traffic light with a traffic signal button. Priority to EB Lake Underhill Rd. traffic.
18	Lake Underhill Rd. @ Woodbury Rd.	1	Control the traffic light with a traffic signal button. Priority given to east bound Lake Underhill Rd. traffic turning south bound onto Woodbury Rd.
19	Woodbury Rd. @ School Entrance	1	Assist evacuation traffic in turning into the school entrance from south bound Woodbury Rd.

MANPOWER & MATERIAL COUNT THIS ROUTE:- 24 DEPUTIES - FHP TROOPERS - 15 TRAFFIC SIGNAL CONTROL BUTTONS & BOX KEYS

Shelter Route Sign Activation Manual

Abbreviations:

WB – West Bound
NB - North Bound
SR - State Road

EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn

ANNEX # 16**Discovery Middle School**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
77	WB SR 50 at Orange/Brevard county line	1	Buckle Up	Straight	Previously Opened	No
81	WB SR 50 @ Lk. Knight Av	7	Buckle Up	Straight	Previously Opened	No
87	WB SR 50 @ Bonnieville Dr.	8	Buckle Up	Right	Previously Opened	No
88	WB SR 50 @ SR 408 on-ramp	9	Buckle Up	Right	Previously Opened	No
89	WB SR 408 @ Rouse Rd. exit	10	Buckle Up	Right	Previously Opened	Yes
90	Bottom of Rouse Rd. off-ramp @ Rouse Rd.	11	Buckle Up	Right	Previously Opened	Yes
91	SB Rouse Rd. north of Lake Underhill Rd.	13	9-1-1	Left	Previously Opened	Yes
92	EB Lake Underhill Rd. west of Alafaya Trl.	16	9-1-1	Straight	Yes	Yes
93	EB Lake Underhill Rd. west of Woodbury Rd.	18	9-1-1	Right	Yes	Yes
94	SB Woodbury Rd. @ School Entrance	19	9-1-1	Left	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 17

Union Park Middle School
1844 Westfall Dr.

Evacuee Capacity:
Host: 696

Route: WB SR 528 (Beeline Expressway) (Brevard county line) to NB SR 417 (Greenway) to EB SR 408 to NB Dean Rd. to WB Elm St. to School Entrance

Note: See Annex # 72 in reference to important FHP manning commitments.

Post #	Location	# of D/S	Duties
1	SR 528 between SR 520 to SR 417.	FHP	See Annex # 72 for FHP commitments for this area.
2	NB SR 417 @ EB SR 408 off-ramp	2	Monitor and if necessary assist evacuation traffic exiting from NB SR 417 onto the EB SR 408 off-ramp.
3	SR 408 & Dean Rd.	3	Monitor and if necessary assist evacuation traffic as it exits onto the Dean Rd. off-ramp from east bound SR 408. Control the traffic light at Dean Rd. and the east bound SR 408 off-ramp with a traffic signal control button. Priority given to traffic turning north bound onto Dean Rd. from the SR 408 off-ramp. Control the traffic light at Dean Rd. and the west bound SR 408 off-ramp with a traffic signal control button. Priority given to north bound Dean Rd. traffic.
4	Dean Rd. & Bloom Field Dr.	1	Control the traffic light with a traffic signal control button. Priority given to north bound Dean Rd. traffic.
5	Dean Rd. & Curameng Dr.	1	Control the traffic light with a traffic signal control button. Priority given to north bound Dean Rd. traffic.
6	Dean Rd. & Flowers Av.	1	Control the traffic light with a traffic signal control button. Priority given to north bound Dean Rd. traffic.
7	Dean Rd. & East SR 50	1	Control the traffic light with a traffic signal control button. Priority given to north bound Dean Rd. traffic.
8	Dean Rd. & Elm St.	2	Monitor and if necessary assist evacuation traffic in turning from north bound Dean Rd. onto west bound Elm St.
9	Elm St. & Westfall Dr.	1	Control the intersection physically. Priority given to west bound Elm St.
10	Elm St. & north entrance to school	1	Monitor and assist evacuation traffic in turning into the school parking lot.

MANPOWER COUNT THIS ROUTE: - 13 DEPUTIES

- FHP TROOPERS

MATERIAL COUNT THIS ROUTE: - 7 TRAFFIC SIGNAL CONTROL BUTTONS

- 7 TRAFFIC SIGNAL BOX KEYS

Shelter Route Sign Activation Manual

Abbreviations:

WB – West Bound
NB - North Bound
SR - State Road

EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn

Annex # 17**Union Park Middle School**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
16	NB SR 520 at Orange/Brevard county line	FHP	Buckle Up	Straight	Previously Opened	No
17	NB SR 520 at SR 528	FHP	Buckle Up	Left	Previously Opened	No
18	WB SR 528 at Orange/Brevard county line	FHP	Buckle Up	Straight	Previously Opened	No
41	WB SR 528 east of Toll Plaza at SR 417 at the bottom of the on-ramp to NB SR 417	FHP	Buckle Up	Right	Previously Opened	No
42	On-ramp to NB SR 417 from WB SR 528 at the ramp split to NB or SB SR 417	FHP	Buckle Up	Right	Previously Opened	No
53	NB SR 417 south of the EB SR 408 off-ramp	2	Buckle Up	Movable Right	Yes	Change Arrow Direction to Straight
54	EB SR 408 west of the Dean Rd. off-ramp	3	Buckle Up	Right	Yes	Yes
55	Top of ramp from EB SR 408 @ Dean Rd.	3	Buckle Up	Left	Yes	Yes
56	NB Dean Rd. @ Flowers Av	6	9-1-1	Straight	Yes	Yes
57	NB Dean Rd. @ Elm St.	8	9-1-1	Left	Yes	Yes
58	WB Elm St. @ north school entrance	10	9-1-1	Left	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 18**Jones High School
801 S. Rio Grande Av.****Evacuee Capacity:
Host: 500****Route: NB Florida Turnpike (Osceola county line) to EB SR 408 to SB Tampa Av. to EB Carter St. to SB Rio Grande Av. to School Entrance****Note: See Annex # 72 in reference to important FHP manning commitments.**

Post #	Location	# of D/S	Duties
1	NB Florida Turnpike @ SR 408	FHP	Monitor and if necessary assist evacuation traffic in exiting onto the SR 408 off-ramp from north bound Florida Turnpike.
2	SR 408 from Florida Turnpike to Tampa Av.	4	4 Deputies will work this stretch of the SR 408 in 2-person marked patrol units. The duties of these deputies will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
3	SR 408 & Tampa	** 3	Monitor and if necessary assist evacuation traffic in exiting from east bound SR 408 onto the south bound Tampa Av. off-ramp. Monitor and if necessary assist evacuation traffic in merging with south bound Tampa Av. traffic.
4	Tampa Av. & Carter St.	** 1	Monitor and if necessary assist evacuation traffic in turning from south bound Tampa Av. onto east bound Carter St.
5	Carter St. & Rio Grande Av.	** 2	Monitor and if necessary assist evacuation traffic in turning from east bound Carter St. onto south bound Rio Grande Av.
6	Rio Grande Av. & Jones High School Entrance	** 2	Assist evacuation traffic in turning from south bound Rio Grande Av. into the school entrance.

MANPOWER COUNT THIS ROUTE: - 4 DEPUTIES**** - 8 ORLANDO P. D. OFFICERS****- FHP TROOPERS****MATERIAL COUNT THIS ROUTE: NONE****Shelter Route Sign Activation Manual****Abbreviations:****WB – West Bound
NB - North Bound
SR - State Road****EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn**

Annex # 18

Jones High School

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
106	NB Fl. Turnpike south of US 441 off-ramp	FHP	Buckle Up	Straight	Previously Opened	No
	NB Florida Turnpike south of Sand Lake Rd.	VMB at this location that could be utilized. (Direct shelter traffic to exit at SR 408)				
107	NB Fl. Turnpike south of I-4 off-ramp	FHP	Buckle Up	Straight	Previously Opened	No
193	NB Fl. Turnpike just prior to SR 408 off-ramp	FHP	Buckle Up	Right	Yes	No
143	EB SR 408 west of Good Homes Rd. toll plaza	2	Buckle Up	Straight	Yes	No
	EB SR 408 at Powers Dr	VMB at this location that could be utilized. (Direct shelter traffic to stay on EB SR 408)				
	EB SR 408 at Ferguson Dr.	VMB at this location that could be utilized. (Direct shelter traffic to exit at Tampa Av.)				
145	EB SR 408 @ Tampa Av. off-ramp	3	Buckle Up	Right	Yes	Yes
146	EB SR 408 @ bottom of off-ramp to Tampa Av.	3	Buckle Up	Right	Yes	Yes
147	SB Tampa Av. @ Carter St.	4	9-1-1	Left	Yes	Yes
148	EB Carter St. @ Rio Grande Av.	5	9-1-1	Right	Yes	Yes
149	SB Rio Grande Av. @ School Entrance	6	9-1-1	Left	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 19

Walker Middle School
150 Amidon Ln.

Evacuee Capacity:
Host: 696

Route: NB John Young Pkwy (Osceola county line) to EB SR 528 (Beeline Expressway) to WB Jetport Rd. to NB Orange Av. to WB Lancaster Rd. to SB Calypso Dr. to School Entrance

NOTE: "J.Y.P." = John Young Parkway

Post #	Location	# of D/S	Duties
1	J.Y.P. & Hunters Creek Blvd.	1	Control the traffic light with a traffic signal control button. Priority given to north bound J.Y.P.
2	J.Y.P. & S. Town Loop Blvd.	1	Control the traffic light with a traffic signal control button. Priority given to north bound J.Y.P.
3	J.Y.P. & Town Center Blvd.	1	Control the traffic light with a traffic signal control button. Priority given to north bound J.Y.P.
4	J.Y.P. & SR 417 (south side of overpass)	1	Control the traffic light with a traffic signal control button. Priority given to north bound J.Y.P.
5	J.Y.P. & N. Town Loop Blvd	1	Control the traffic light with a traffic signal control button. Priority given to north bound J.Y.P.
6	J.Y.P. @ Deerfield Blvd	1	Control the traffic light with a traffic signal control button. Priority given to north bound J.Y.P.
7	J.Y.P. @ Menta St.	1	Control the traffic light with a traffic signal control button. Priority given to north bound J.Y.P.
8	J.Y.P. @ Whisper Lakes Blvd	1	Control the traffic light with a traffic signal control button. Priority given to north bound J.Y.P.
9	J.Y.P. & Central Florida Pkwy.	1	Control the traffic light with a traffic signal control button. Priority given to north bound J.Y.P.
10	John Young Pkwy. @ Taft-Vineland Rd	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy. Traffic.
11	J.Y.P. @ on-ramp to EB SR 528	1	Monitor and if necessary assist evacuation traffic in turning from north bound John Young Pkwy onto the on-ramp to east bound SR 408.
12	EB SR 528 @ toll plaza	1	Monitor and if necessary assist evacuation traffic passing through the toll plaza.
13	SR 528 From John Young Pkwy to Jetport Rd.	2	2 Deputies will work this stretch of SR 408 in a 2-person marked patrol unit. The duties of these deputies will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
14	SR 528 & Jetport Rd.	3	Monitor and if necessary assist evacuation traffic in exiting from east bound SR 408 onto the west bound Jetport Rd. off-ramp. Monitor and if necessary assist evacuation traffic in turning from the off-ramp onto west bound Jetport Rd.
15	Jetport Rd. & Orange Av.	1	Control the traffic light with a traffic signal control button. Priority given to west bound Jetport Rd. traffic turning north onto Orange Av.
16	Orange Av. & Sand Lake Rd.	1	Control the traffic light with a traffic signal button. Priority given to north bound Orange Av.
17	Orange Av. & Nela Av.	1	Control the traffic light with a traffic signal button. Priority given to north bound Orange Av.
18	Orange Av. & Lancaster Rd.	3	Control the traffic light with a traffic signal control button. Priority given to north bound Orange Av. traffic turning west bound onto Lancaster Rd.. Monitor and if necessary assist evacuation traffic in turning from north bound Orange Av. onto west bound Lancaster Rd. A deputy from this post will prior to taking his/her post, respond to the intersection of Lancaster Rd. & Calypso Dr. He/she will place the traffic light at this intersection on flash.
19	Lancaster Rd. & Calypso Dr.	1	Monitor and if necessary assist evacuation traffic in turning from west bound Lancaster Rd. onto south bound Calypso Dr.. The traffic light at this location is put on flash.
20	Calypso Dr. & School Entrance	1	Monitor and if necessary assist evacuation traffic in entering the school.

MANPOWER COUNT THIS ROUTE:

- 25 DEPUTIES

MATERIAL COUNT THIS ROUTE:

- 14 TRAFFIC SIGNAL CONTROL BUTTONS AND BOX KEYS

ANNEX # 19**Walker Middle School**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
1	NB John Young Pkwy @ Orange/Osceola county line	1	9-1-1	Straight	Previously Opened	No
5	NB John Young Pkwy south of SR 417	4	9-1-1	Straight	Previously Opened	No
11	NB John Young Pkwy south of on-ramp to EB SR 528	10	9-1-1	Right	Previously Opened	No
12	EB SR 528 west of South Orange Blossom Trl. exit	13	Buckle Up	Straight	Previously Opened	No
191	EB SR 528 west the toll plaza between US 441 and Orange Av.	13	Buckle Up	Straight	Yes	No
13	EB SR 528 west of Jetport Rd off-ramp	13	Buckle Up	Right	Previously Opened	Yes
14	Jetport Rd @ EB SR 528 off-ramp	13	9-1-1	Right	Previously Opened	Yes
15	WB Jetport Rd @ Orange Av	14	9-1-1	Right	Previously Opened	Yes
23	NB Orange Av. @ McCoy Rd.	15	Buckle Up	Straight	Yes	Yes
28	NB Orange Av. @ Lancaster Rd.	16	Buckle Up	Left	Yes	Yes
29	WB Lancaster Rd. @ Calypso Dr	17	9-1-1	Left	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 20

**Chain of Lakes Middle School
8960 Conroy Windermere Rd**

**Evacuee Capacity:
Host: 663**

Route: EB I-4 (Osceola county line) to WB Sand Lake Rd. to NB Dr. Phillips Blvd. to WB Conroy Windermere Rd. to School Entrance

Note: See Annex # 72 in reference to important FHP manning commitments.

Post #	Location	# of D/S	Duties
1	I-4 from Osceola county line to Sand Lake Rd.	FHP	Troopers will work this stretch of I-4. The duties of these troopers will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
2	I-4 & Sand Lake Rd.	3	Control the traffic light with a traffic signal control button. Priority will be given to traffic turning west onto Sand Lake Rd. from east bound I-4 Sand Lake Rd. off-ramp. Monitor and if necessary assist evacuation traffic in turning from the I-4 off-ramp onto west bound Sand Lake Rd.
3	Sand Lake Rd. Off-ramp from west bound I-4 & Sand Lake Rd.	1	Control the traffic light with a traffic signal control button. Priority given to west bound Sand Lake Rd. traffic.
4	Sand Lake Rd. & Turkey Lake Rd.	1	Control the traffic light with a traffic signal control button. Priority given to west bound Sand Lake Rd. traffic.
5	Sand Lake Rd. & Dr. Phillips Blvd.	2	Control the traffic light with a traffic signal control button. Priority given to west bound Sand Lake Rd. traffic. Monitor and if necessary assist evacuation traffic in turning from west bound Sand Lake Rd. onto north bound Dr. Phillips Blvd.
6	Dr. Phillips Blvd. & Della Dr.	1	Control the traffic light with a traffic signal control button. Priority given to north bound Dr. Phillips Blvd. traffic.
7	Dr. Phillips Blvd. & Wallace Rd.	1	Control the traffic light with a traffic signal control button. Priority given to north bound Dr. Phillips Blvd. traffic.
8	Dr. Phillips Blvd. & Pin Oak Dr.	1	Control the traffic light with a traffic signal control button. Priority given to north bound Dr. Phillips Blvd. traffic.
9	Dr. Phillips Blvd. & Conroy Windermere Rd.	2	Control the traffic light with a traffic signal control button. Monitor and if necessary assist evacuation traffic in turning from north bound Dr. Phillips Blvd. onto west bound Conroy Windermere Rd.
10	Conroy Windermere Rd. & Lincoln Av.	1	Control the traffic light with a traffic signal control button. Priority given to west bound Conroy Windermere Rd. evacuation traffic.
11	Conroy Windermere Rd. @ entrance to school	2	Control the traffic light with a traffic signal control button. Monitor and if necessary assist evacuation traffic in turning from west bound Conroy Windermere Rd. into the entrance to the school.

MANPOWER COUNT THIS ROUTE: - 15 DEPUTIES

- FHP TROOPERS

MATERIAL COUNT THIS ROUTE: - 10 TRAFFIC SIGNAL CONTROL BUTTONS

- 10 TRAFFIC SIGNAL BOX KEYS

Shelter Route Sign Activation Manual

Abbreviations:

**WB – West Bound
NB - North Bound
SR - State Road**

**EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn**

Annex # 20**Chain of Lakes Middle School**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
	EB I – 4 east of SR 535	VMB at this location that could be utilized. (Direct shelter traffic to stay on EB I–4)				
	EB I – 4 west of Sand Lake Rd.	VMB at this location that could be utilized. (Direct shelter traffic to exit at Sand Lake Rd.)				
30	EB I-4 Off-Ramp to Sand Lake Rd	2	Buckle Up	Left	Previously Opened	Yes
34	WB Sand Lake Rd. east of Dr. Phillips Blvd.	5	9-1-1	Right	Previously Opened	Yes
36	NB Dr. Phillips Blvd. @ Southwest Middle School Entrance	7	9-1-1	Straight	Previously Opened	Yes
37	NB Dr. Phillips Blvd. south of Conroy Windermere Rd.	9	9-1-1	Left	Previously Opened	Yes
39	WB Conroy Windermere Rd. east of the south entrance to the school	11	9-1-1	Left	Yes	Yes

Sign directions along I-4 will be implemented by use of “in place” electronic variable message signs.

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 21**EGRESS ROUTE****EAST SR 50**

Route: WB East SR 50 (Brevard county line) to WB SR 408 to NB SR 417 (Greenway) to Seminole County

NOTE: When Discovery Middle School has reached its maximum capacity of evacuees, evacuation traffic will be directed into Seminole County via SR 417.

Note: See Annex # 72 in reference to important FHP manning commitments.

Post #	Location	# of D/S	Duties
1	East SR 50 between the Brevard County line and SR 520	4	4 Deputies will work this isolated stretch of East SR 50 in two, 2-person marked or 4x4 units. The duties of these deputies will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. These deputies will also escort the buses that are being used to pick-up the people stranded due to their disabled vehicles.
2	East SR 50 & SR 520	FHP	Monitor and if necessary assist north bound SR 520 evacuation traffic in merging with west bound SR 50 evacuation traffic.
3	East SR 50 & CR 13	1	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 evacuation traffic.
4	East SR 50 & SR 419	1	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 traffic.
5	East SR 50 & Avalon Park Bv	1	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 traffic.
6	East SR 50 & Pebble Bch.	1	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 traffic.
7	East SR 50 & Lake Pickett Rd.	1	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 traffic.
8	East SR 50 & Bonneville Dr.	1	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 traffic.
9	East SR 50 & SR 408	3	Control the traffic light with a traffic signal button. Priority given to west bound East SR 50 traffic. Monitor and if necessary assist evacuation traffic in exiting from west bound East SR 50 onto the west bound SR 408 on-ramp.
10	SR 408 from SR 50 to SR 417	2	2 Deputies will work this stretch of the SR 408 in a 2-person marked patrol unit. The duties of these deputies will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
11	SR 408 & SR 417	3	Monitor and if necessary assist evacuation traffic in exiting from west bound SR 408 onto the on-ramp for SR 417.. Monitor the merging of evacuation traffic leading from the SR 417 on-ramp onto north bound SR 417.

MANPOWER COUNT THIS ROUTE: - 18 DEPUTIES

- FHP TROOPERS

MATERIAL COUNT THIS ROUTE:

- 7 TRAFFIC SIGNAL CONTROL BUTTONS

- 7 TRAFFIC SIGNAL BOX KEYS

NOTE: Seminole County's E.O.C. should be advised when this route is about to be activated. This will allow for Seminole County to prepare for the arrival of evacuees via this route.

Shelter Route Sign Activation Manual

Abbreviations:

WB – West Bound

NB - North Bound

SR - State Road

EB – East Bound

SB - South Bound

ADV - Advanced Warning of a Turn

ANNEX # 21**EGRESS ROUTE****EAST SR 50**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
77	WB SR 50 at Orange/Brevard county line	1	Buckle Up	Straight	Previously Opened	Yes
81	WB SR 50 @ Knight Av	7	Buckle Up	Straight	Previously Opened	Yes
87	WB SR 50 @ Bonnieville Dr.	8	Buckle Up	Right	Previously Opened	Yes
88	WB SR 50 @ SR 408 on-ramp	9	Buckle Up	Right	Previously Opened	Yes
95	WB SR 408 east of SR 417 on-ramp	10	Buckle Up	Right	Yes	Yes
96	On-ramp to SR 417 prior to ramp split for SB or NB SR 417	10	Buckle Up	Right	Yes	Yes
60	NB SR 417 south of SR 50 off-ramp	10	Buckle Up	Straight	Yes	Yes
61	NB SR 417 North of University Blvd. off-ramp	10	Buckle Up	Straight	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 22

Oak Ridge High School
6000 Winegard Rd.

Evacuee Capacity:
Host: 633

Route: WB SR 528 (Beeline Expressway) (Brevard county line) to WB SR 482 (McCoy Rd.) to NB Orange Av. to WB Oak Ridge Rd. to SB Winegard Rd. to School Entrance

Note: See Annex # 72 in reference to important FHP manning commitments.

Post #	Location	# of D/S	Duties
1	SR 528 between SR 520 to SR 417	FHP	See Annex # 72 for FHP commitments for this area.
2	SR 528 between the SR 417 toll plaza and McCoy Rd. exit	2	Two- person marked unit will patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. Will also escort the buses that are being used to pick-up the people stranded due to their disabled vehicles.
3	SR 528 toll plaza at Orlando International Airport	* 1	Assist toll plaza personnel in keeping the evacuation traffic moving.
4	SR 528 & SR 482 (McCoy Rd.)	5	2 Deputies will monitor and if necessary assist evacuation traffic onto the one-lane off-ramp leading to McCoy Rd. 1 Deputy will monitor and if necessary assist traffic that is west bound on McCoy Rd. and merging into the evacuation traffic that is exiting from SR 528. 1 Deputy will be assigned to monitor and if necessary assist evacuation traffic at the merge area of McCoy Rd. and Boggy Creek Rd. Boggy Creek Rd. where it merges with west bound McCoy Rd. will have its lanes coned down to one lane that will then merge with McCoy Rd. 45 Cones will be required to accomplish the task discussed above. 1 Deputy will control the traffic light at the bottom of the off-ramp and Boggy Creek Rd. with a traffic signal control button. Priority given to traffic exiting from the Beeline Expressway.
5	McCoy Rd. & Lindos Dr	1	Control the traffic light with a traffic signal control button. Priority given to west bound McCoy Rd. traffic.
6	McCoy Rd. & Orange Av.	3	Control the traffic light with a traffic signal button. Priority given to west bound McCoy Rd. traffic. Monitor and if necessary assist evacuation traffic turning from west bound McCoy Rd. onto north bound Orange Av.
8	Orange Av. & Nela Av.	1	Control the traffic light with a traffic signal button. Priority given to north bound Orange Av. traffic.
7	Orange Av. & Lancaster Av.	1	Control the traffic light with a traffic signal button. Priority given to north bound Orange Av. traffic.
9	Hansel Av. & Fairlane Av.	1	Control the traffic light with a traffic signal button. Priority given to north bound Orange Av. traffic.
10	Hansel Av. & Oak Ridge Rd.	** 3	Control the traffic light with a traffic signal control button. Priority given to north bound Hansel Av. traffic. Monitor and if necessary assist evacuation traffic in turning from north bound Hansel Av. onto west bound Oak Ridge Rd.
11	Oak Ridge Rd. & Orange Av.	1	Control the traffic light with a traffic signal button. Priority given to west bound Oak Ridge Rd. traffic. This deputy will prior to taking his/her post, respond to the intersection of Fairlane Av. & Hansel Av. Rd. He/she will place the traffic light at this intersection on flash.
12	Oak Ridge Rd. & Winegard Rd.	2	Control the traffic light with a traffic signal button. Priority given to the traffic turning south bound onto Winegard Rd. from west bound Oak Ridge Rd. Monitor and if necessary assist evacuation traffic in turning from west bound Oak Ridge Rd. onto south bound Winegard Rd.
13	Winegard Rd. & School Entrance	1	Direct traffic into the appropriate entrance to the school.

MANPOWER COUNT THIS ROUTE: 18 DEPUTIES, * 1 ORLANDO POLICE DEPARTMENT OFFICER, ** 3 EDGEWOOD POLICE DEPARTMENT OFFICERS, FHP TROOPERS. MATERIAL COUNT THIS ROUTE: 9 TRAFFIC SIGNAL CONTROL BUTTONS, 9 TRAFFIC SIGNAL BOX KEYS, - 45 TRAFFIC CONES

Shelter Route Sign Activation Manual

Abbreviations: **WB – West Bound**
SB - South Bound SR - State Road

EB – East Bound NB - North Bound
ADV - Advanced Warning of a Turn

Annex # 22**Oak Ridge High School**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
16	NB SR 520 at Orange/Brevard county line	FHP	Buckle Up	Straight	Yes	No
17	NB SR 520 at SR 528	FHP	Buckle Up	Left	Yes	No
18	WB SR 528 at Orange/Brevard county line	FHP	Buckle Up	Straight	Yes	No
19	WB SR 528 west of on-ramp to SR 417	FHP	Buckle Up	Straight	Yes	No
20	WB SR 528 east of SR 482 off-ramp	4	Buckle Up	Right	Yes	No
21	WB McCoy Rd. @ SR 528	4	Buckle Up	Straight	Yes	No
22	WB McCoy Rd. @ Orange Av.	6	Buckle Up	Right	Yes	No
24	NB Orange Av. @ Locust Av.	7	Buckle Up	Straight	Yes	Yes
25	NB Hansel Av. @ Wallace St.	9	Buckle Up	Left	Yes	Yes
26	WB Oak Ridge Rd. @ Winegard Rd.	11	9-1-1	Left	Yes	Yes
27	SB Winegard Rd. @ School Entrance	12	9-1-1	Right	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

(Inactive Due to Construction)**ANNEX # 23****Evans High School
4949 Silver Star Rd.****Evacuee Capacity: 756
Host: 562****Route: NB Turnpike (Osceola county line) to EB SR 408 to NB Hiawassee Rd. to EB Silver Star Rd. to School Entrance****Note: See Annex # 72 in reference to important FHP manning commitments.**

Post #	Location	# of D/S	Duties
I	NB Florida Turnpike @ SR 408	FHP	Monitor and if necessary assist evacuation traffic in exiting onto the SR 408 off-ramp from north bound Florida Turnpike.
2	SR 408 from SR 50 to Hiawassee Rd.	2	2 Deputies will work this stretch of the SR 408 in a 2-person marked patrol units. The duties of these deputies will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
3	SR 408 & Hiawassee Rd.	2	1 Deputy at the light for traffic exiting from the east bound SR 408 off-ramp onto north bound Hiawassee Rd. Control the traffic light with a traffic signal control button and give priority to evacuation traffic exiting from the SR 408 off-ramp onto north bound Hiawassee Rd. 1 Deputy at the light controlling traffic exiting from the west bound SR 408 off-ramp onto Hiawassee Rd.. Control the traffic light with a traffic signal control button and give priority to north bound Hiawassee Rd. traffic.
4	Hiawassee Rd. & West SR 50	1	Control the traffic light with a traffic signal control button. Priority given to north bound Hiawassee Rd. traffic.
5	Hiawassee Rd. & Entrance Highland Lakes Shopping Center	1	Control the traffic light with a traffic signal control button. Priority given to north bound Hiawassee Rd. traffic.
6	Hiawassee Rd. & Balboa Dr.	1	Control the traffic light with a traffic signal control button. Priority given to north bound Hiawassee Rd. traffic.
7	Hiawassee Rd. & Hennipin Blvd.	1	Control the traffic light with a traffic signal control button. Priority given to north bound Hiawassee Rd. traffic.
8	Hiawassee Rd. & Silver Star Rd.	2	Control the traffic light with a traffic signal control button. Priority given to north bound Hiawassee Rd. traffic. Monitor and if necessary assist evacuation traffic in turning from north bound Hiawassee Rd. onto east bound Silver Star Rd.
9	Silver Star Rd. & Powers Dr.	1	Control the traffic light with a traffic signal control button. Priority given to east bound Silver Star Rd. traffic.
10	Silver Star Rd. & Hastings St.	1	Control the traffic light with a traffic signal control button. Priority given to east bound Silver Star Rd. traffic.
11	Silver Star Rd. & Pine Hills Rd.	1	Control the traffic light with a traffic signal control button. Priority given to east bound Silver Star Rd. traffic.
12	Silver Star Rd. & School Entrance	2	Control the traffic light with a traffic signal control button. Priority given to east bound Silver Star Rd. traffic turning into the school entrance.

MANPOWER COUNT THIS ROUTE: - 15 DEPUTIES**- FHP TROOPERS****MATERIAL COUNT THIS ROUTE: - 11 TRAFFIC SIGNAL CONTROL BUTTONS AND BOX KEYS**

(Inactive Due to Construction)**Shelter Route Sign Activation Manual****Abbreviations:**

WB - West Bound
NB - North Bound
SR - State Road

EB - East Bound
SB - South Bound
ADV - Advanced Warning of a Turn

ANNEX # 23**Evans High School**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
106	NB Fl. Turnpike south of US 441 off-ramp	FHP	Buckle Up	Straight	Previously Opened	No
	NB Florida Turnpike south of Sand Lake Rd.	VMB at this location that could be utilized. (Direct shelter traffic to exit at SR 408)				
107	NB Fl. Turnpike south of I-4 off-ramp	FHP	Buckle Up	Straight	Previously Opened	No
193	NB Fl. Turnpike just prior to SR 408 off-ramp	FHP	Buckle Up	Right	Previously Opened	Yes
154	EB SR 408 west of Hiawasse Rd. off-ramp	2	Buckle Up	Right	Yes	Yes
155	Hiawasse Rd. @ bottom of off-ramp from EB SR 408	3	Buckle Up	Left	Yes	Yes
156	NB Hiawasse Rd. @ SR 50	4	9-1-1	Straight	Yes	Yes
157	NB Hiawasse Rd. @ Sagewood Dr.	6	9-1-1	Straight	Yes	Yes
158	NB Hiawasse Rd. @ Anoka Dr.	7	9-1-1	Adv. Right	Yes	Yes
159	NB Hiawasse Rd. @ Silver Star Rd.	8	9-1-1	Right	Yes	Yes
160	EB Silver Star Rd. @ Hastings St.	10	Buckle Up	Straight	Yes	Yes
161	EB Silver Star Rd. @ School Entrance	12	Buckle Up	Left	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 24**EGRESS ROUTE****JOHN YOUNG PKWY.**

Route: NB John Young Pkwy (Osceola county line) to EB SR 528 (Beeline Expressway) to NB SR 417 (Greenway) to Seminole County

Note: When Walker Middle School has reached its maximum capacity of evacuees, evacuation traffic will be directed into Seminole County via SR 417.

Note: This route will merge with Annexes that will be operating in regards to evacuation traffic arriving in Orange County via east bound SR 528 (Beeline Expressway)

Post #	Location	# of D/S	Duties
1	John Young Pkwy & Hunters Creek Blvd.	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
2	John Young Pkwy. & S. Town Loop Blvd.	1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic proceeding north bound on John Young Pkwy.
3	John Young Pkwy. & Town Center Blvd.	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
4	John Young Pkwy. & SR 417 (south side of overpass)	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
5	John Young Pkwy. & N. Town Loop Blvd	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
6	John Young Pkwy @ Deerfield Blvd	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
7	John Young Pkwy @ Menta St.	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
8	John Young Pkwy @ Whisper Lakes Blvd	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
9	John Young Pkwy. & Central Florida Pkwy.	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy. traffic.
10	John Young Pkwy. @ Taft-Vineland Rd	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy. traffic.
11	John Young Pkwy @ on-ramp to EB SR 528	1	Monitor and if necessary assist evacuation traffic in turning from north bound John Young Pkwy onto the on-ramp to east bound SR 528
12	EB SR 528 @ toll plaza	1	Monitor and if necessary assist evacuation traffic passing through the toll plaza.
13	SR 528 from John Young Pkwy to SR 417	2	2 Deputies will work this stretch of the Beeline in a 2-person marked patrol unit. The duties of these deputies will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
14	SR 528 toll plaza at Orlando International Airport	* 1	Assist toll plaza personnel in keeping the evacuation traffic moving.
15	EB SR 528 @ on ramp to SR 417	2	Monitor and if necessary assist evacuation traffic in exiting from the east bound SR 528 onto the north bound SR 417.

MANPOWER COUNT THIS ROUTE: - 16 DEPUTIES * - 1 ORLANDO POLICE DEPARTMENT OFFICER

MATERIAL COUNT THIS ROUTE: - 10 TRAFFIC SIGNAL CONTROL BUTTONS & SIGNAL BOX KEYS

*** NOTE:** Seminole County's E.O.C. should be advised when this route is about to be activated. This will allow for Seminole County to prepare for the arrival of evacuees via this route.

Shelter Route Sign Activation Manual

Abbreviations:

WB – West Bound
NB - North Bound
SR - State Road

EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn

ANNEX # 24

EGRESS ROUTE

JOHN YOUNG PKWY.

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
1	NB John Young Pkwy @ Orange/Osceola county line	1	9-1-1	Straight	Previously Opened	Yes
5	NB John Young Pkwy south of SR. 417	4	9-1-1	Straight	Previously Opened	Yes
11	NB John Young Pkwy south of on-ramp to EB SR 528	9	9-1-1	Right	Previously Opened	Yes
12	EB SR 528 west of South Orange Blossom Trl. Exit	12	Buckle Up	Straight	Previously Opened	Yes
191	EB SR 528 west the toll plaza between US 441 and Orange Av.	12	Buckle Up	Straight	Yes	Yes
62	EB SR 528 west of toll plaza at Orlando International Airport	12	Buckle Up	Straight	Yes	Yes
63	EB SR 528 west of on ramp to SR 417	13	Buckle Up	Movable Right	Yes	Yes
64	On ramp split to NB and SB SR 417 from EB SR 528	13	Buckle Up	Left	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ROUTE: East Bound I – 4 from the Osceola County line to the Seminole County line.

NOTE: When Chain of Lakes Middle School has reached its maximum capacity of evacuees, evacuation traffic will be directed east bound on Interstate 4 into Seminole County.

Note: See Annex # 72 in reference to important FHP manning commitments.

Post #	Location	# of D/S	Duties
1	I-4 from Osceola county line to Universal Blvd	FHP	Troopers will work this stretch of I-4. The duties of these troopers will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
2	I-4 from Universal Blvd to Fairbanks Av.	* 4	4 Officers will work this stretch of I-4 in two, 2-person marked patrol units. The duties of these officers will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
3	I-4 from Fairbanks Av. to Seminole County	2	2 Deputies will work this stretch of I-4 in a 2-person marked patrol unit. The duties of these deputies will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.

MANPOWER COUNT THIS ROUTE: - 2 DEPUTIES

- FHP TROOPERS

*- 4 ORLANDO POLICE DEPARTMENT OFFICERS

NOTE: Seminole County's E.O.C. should be advised when this route is about to be activated. This will allow for Seminole County to prepare for the arrival of evacuees via this route.

Shelter Route Sign Activation Manual

ANNEX # 25

EGRESS ROUTE

I – 4

NOTE: Utilize all Electronic Message Signs located on EB I-4 between the Osceola and Seminole County line.

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
	EB I – 4 east of SR 535	VMB at this location that could be utilized. (Direct shelter traffic to stay on EB I-4)				
	EB I – 4 west of Sand Lake Rd.	VMB at this location that could be utilized. (Direct shelter traffic to stay on EB I-4)				
	EB I – 4 west of John Young Pkwy	VMB at this location that could be utilized. (Direct shelter traffic to stay on EB I-4)				
	EB I – 4 @ Kaley St.	VMB at this location that could be utilized. (Direct shelter traffic to stay on EB I-4)				
	EB I – 4 @ Lake Ivanhoe	VMB at this location that could be utilized. (Direct shelter traffic to stay on EB I-4)				
	EB I – 4 @ Kennedy Blvd.	VMB at this location that could be utilized. (Direct shelter traffic to stay on EB I-4)				

ANNEX # 26

Walker Middle School
150 Amidon Ln.Evacuee Capacity:
Host: 696**Route: WB SR 528 (Beeline Expressway) (Brevard county line) to WB SR 482 (McCoy Rd.) to NB Orange Av. to WB Lancaster Rd. to SB Calypso Dr. to School Entrance****Note: See Annex # 72 in reference to important FHP manning commitments.**

Post #	Location	# of D/S	Duties
1	SR 528 between SR 520 to SR 417.	FHP	See Annex # 72 for FHP commitments for this area.
2	SR 528 between the SR 417 toll plaza and McCoy Rd. exit	2	Two- person marked unit will patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. Will also escort the buses that are being used to pick-up the people stranded due to their disabled vehicles.
3	SR 528 toll plaza at Orlando International Airport	* 1	Assist toll plaza personnel in keeping the evacuation traffic moving.
4	SR 528 & SR 482 (McCoy Rd.)	5	2 Deputies will monitor and if necessary assist evacuation traffic onto the one-lane off-ramp leading to McCoy Rd. 1 Deputy will monitor and if necessary assist traffic that is west bound on McCoy Rd. and merging into the evacuation traffic that is exiting from the SR 528 1 Deputy will be assigned to monitor and if necessary assist evacuation traffic at the merge area of McCoy Rd. and Boggy Creek Rd. Boggy Creek Rd., where it merges with west bound McCoy Rd. will have its lanes coned down to one lane that will then merge with McCoy Rd. 45 Cones will be required to accomplish the task discussed above. 1 Deputy will control the traffic light at the bottom of the off-ramp and Boggy Creek Rd. with a traffic signal control button. Priority given to traffic exiting from SR 528.
5	McCoy Rd. & Lindos Dr.	1	Control the traffic light with a traffic signal control button. Priority given to west bound McCoy Rd. traffic.
6	McCoy Rd. & Orange Av.	3	Control the traffic light with a traffic signal button. Priority given to west bound McCoy Rd. traffic. Monitor and if necessary assist evacuation traffic turning from west bound McCoy Rd. onto north bound Orange Av.
7	Orange Av. & Nela Av.	1	Control the traffic light with a traffic signal button. Priority given to north bound Orange Av. traffic.
8	Orange Av. & Lancaster Rd.	3	Control the traffic light with a traffic signal control button. Priority given to north bound Orange Av. Traffic turning west bound onto Lancaster Rd.. Monitor and if necessary assist evacuation traffic in turning from north bound Orange Av. onto west bound Lancaster Rd.
9	Lancaster Rd. & Calypso Dr.	1	Monitor and if necessary assist evacuation traffic in turning from west bound Lancaster Rd. onto south bound Calypso Dr.. The traffic light at this location is put on flash.
10	Calypso Dr. & School Entrance	1	Monitor and if necessary assist evacuation traffic in entering the school.

MANPOWER COUNT THIS ROUTE:

- 17 DEPUTIES
- FHP TROOPERS
- * - 1 ORLANDO POLICE DEPARTMENT OFFICER

MATERIAL COUNT THIS ROUTE:

- 5 TRAFFIC SIGNAL CONTROL BUTTONS
- 5 TRAFFIC SIGNAL CONTROL BOX KEYS
- 45 TRAFFIC CONES

Shelter Route Sign Activation Manual

Abbreviations:

WB – West Bound
NB - North Bound
SR - State Road

EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn

Annex # 26

Walker Middle School

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
16	NB SR 520 at Orange/Brevard county line	FHP	Buckle Up	Straight	Previously Opened	No
17	NB SR 520 at SR 528	FHP	Buckle Up	Left	Previously Opened	No
18	WB SR 528 at Orange/Brevard county line	FHP	Buckle Up	Straight	Previously Opened	No
19	WB SR 528 east of Toll Plaza at SR 417	FHP	Buckle Up	Straight	Previously Opened	Yes
20	WB SR 528 200 ft east of SR 482 off-ramp	4	Buckle Up	Right	Previously Opened	Yes
21	WB McCoy Rd. @ SR 528	4	Buckle Up	Straight	Previously Opened	Yes
22	WB McCoy Rd. @ Orange Av.	6	Buckle Up	Right	Previously Opened	Yes
28	NB Orange Av. @ Lancaster Rd.	14	Buckle Up	Left	Yes	Yes
29	WB Lancaster Rd. @ Jason St.	15	9-1-1	Left	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 27

**Gotha Middle School
9155 Gotha Rd.**

**Evacuee Capacity:
Host: 725**

Route: NB Florida Turnpike (Osceola county line) to EB SR 408 to SB Good Homes Rd. to WB Old Winter Garden Rd. to SB Hempel Rd. to EB Gotha Rd. to School Entrance

Note: See Annex # 72 in reference to important FHP manning commitments.

Post #	Location	# of D/S	Duties
1	NB Florida Turnpike @ SR 408	FHP	Monitor and if necessary assist evacuation traffic in exiting onto the SR 408 off-ramp from north bound Florida Turnpike.
2	East Bound SR 408 @ bottom of off-ramp to Good Homes Rd.	1	Monitor and if necessary assist evacuation traffic in exiting onto the Good Homes Rd. off-ramp from east bound SR 408.
3	Top of off-ramp from EB SR 408 @ Good Homes Rd.	1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic turning onto south bound Good Homes Rd. from off-ramp of east bound SR 408.
4	Good Homes Rd. @ Old Winter Garden Rd.	1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic turning onto west bound Old Winter Garden Rd. from Good Homes Rd.
5	Old Winter Garden Rd. @ Hempel Av.	* 1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic turning south bound onto Hempel Rd. from WB Old Winter Garden Rd.
6	Hempel Av. @ Gotha Rd.	1	Monitor and if necessary assist evacuation traffic in turning from south bound Hempel Av. onto east bound Gotha Rd.
7	Gotha Rd. @ School Entrance	1	Monitor and if necessary assist evacuation traffic in turning from east bound Gotha Rd. into the school entrance.

MANPOWER COUNT THIS ROUTE: * - 1 OCOEE POLICE DEPARTMENT OFFICERS

- 5 DEPUTIES

- FHP TROOPERS

MATERIAL COUNT THIS ROUTE: - 3 TRAFFIC SIGNAL CONTROL BUTTONS

- 3 TRAFFIC SIGNAL BOX KEYS

Shelter Route Sign Activation Manual

Abbreviations:

**WB – West Bound
NB - North Bound
SR - State Road**

**EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn**

ANNEX # 27**Gotha Middle School**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
106	NB Fl. Turnpike south of US 441 off-ramp	FHP	Buckle Up	Straight	Previously Opened	No
	NB Florida Turnpike south of Sand Lake Rd.	VMB at this location that could be utilized. (Direct shelter traffic to exit at SR 408)				
107	NB Fl. Turnpike south of I-4 off-ramp	FHP	Buckle Up	Straight	Previously Opened	No
193	NB Fl. Turnpike just prior to SR 408 off-ramp	FHP	Buckle Up	Right	Previously Opened	No
125	EB SR 408 prior to Good Homes Rd. exit	2	Buckle Up	Right	Yes	Yes
126	At top of off-ramp from EB SR 408 @ Good Homes Rd.	3	Buckle Up	Left	Yes	Yes
142	SB Good Homes Rd. @ Old Winter Garden Rd.	4	9-1-1	Right	Yes	Yes
192	WB Old Winter Garden Rd. @ Hempel Rd.	5	9-1-1	Left	Yes	Yes
140	SB Hempel Rd. @ Gotha Rd.	6	9-1-1	Left	Yes	Yes
141	EB Gotha Rd. @ School Entrance.	7	9-1-1	Left	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 28**EGRESS ROUTE****SR 528. (SR 528)**

Route: WB SR 520 to and/or WB SR 528 (Beeline Expressway) (Brevard county line) to NB SR 417 (Greenway) to Seminole County

NOTE: When Union Park Middle School has reached its maximum capacity of evacuees, evacuation traffic will be directed into Seminole County via SR 417 (Greenway).

Note: See Annex # 72 in reference to important FHP manning commitments.

Post #	Location	# of D/S	Duties
1	SR 528 between SR 520 to SR 417.	FHP	See Annex # 72 for FHP commitments for this area.
2	SR. 417 from SR 528 to the Orange/Seminole County Line	2	2 Deputies will work this stretch of SR 417 in a 2-person marked patrol unit. The duties of these deputies will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. Assist the Lynx buses in picking-up evacuees from disabled vehicles.

MANPOWER COUNT THIS ROUTE: - 2 DEPUTIES

- FHP TROOPERS

NOTE: Seminole County's E.O.C. should be notified when this route is about to be activated. This will allow for Seminole County to prepare for the arrival of evacuees via this route.

Shelter Route Sign Activation Manual

Abbreviations:**WB – West Bound****EB – East Bound****NB - North Bound****SB - South Bound****SR - State Road****ADV - Advanced Warning of a Turn**

ANNEX # 28**EGRESS ROUTE****SR 528. (SR 528)**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
16	NB SR 520 at Orange/Brevard county line	FHP	Buckle Up	Straight	Previously Opened	Yes
17	NB SR 520 at SR 528	FHP	Buckle Up	Left	Previously Opened	Yes
18	WB SR 528 at Orange/Brevard county line	FHP	Buckle Up	Straight	Previously Opened	Yes
41	WB SR 528 east of Toll Plaza at SR 417 at the bottom of the on-ramp to NB SR 417	FHP	Buckle Up	Right	Previously Opened	Yes
42	On-ramp to NB SR 417 from WB SR 528. At the ramp split to NB or SB SR 417	FHP	Buckle Up	Right	Previously Opened	Yes
53	NB SR 417 south of the EB SR 408 off-ramp	2	Buckle Up	Movable Straight	Yes	Yes
60	NB SR 417 south of SR 50 off-ramp	2	Buckle Up	Straight	Yes	Yes
61	NB SR 417 North of University Blvd. off-ramp	2	Buckle Up	Straight	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 29

Ocoee Middle School
300 S. Bluford Av.

Evacuee Capacity:
Host: 611

Route: NB Florida Turnpike (Osceola county line) to EB SR 408 to SB Good Homes Rd. to WB Old Winter Garden Rd. to NB Bluford Av. to School Entrance

Note: See Annex # 72 in reference to important FHP manning commitments.

Post #	Location	# of D/S	Duties
1	NB Florida Turnpike @ SR 408	FHP	Monitor and if necessary assist evacuation traffic in exiting onto the SR 408 off-ramp from north bound Florida Turnpike.
2	East Bound SR 408 @ bottom of off-ramp to Good Homes Rd.	1	Monitor and if necessary assist evacuation traffic in exiting onto the Good Homes Rd. off-ramp from east bound SR 408.
3	Top of off-ramp from EB SR 408 @ Good Homes Rd.	1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic turning onto south bound Good Homes Rd. from off-ramp of east bound SR 408.
4	Good Homes Rd. @ Old Winter Garden Rd.	1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic turning onto west bound Old Winter Garden Rd. from Good Homes Rd.
5	Old Winter Garden Rd. @ Hempel Av.	* 1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic proceeding west bound on Old Winter Garden Rd.
6	Old Winter Garden Rd. @ Blackwood Av.	* 1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic proceeding west bound on Old Winter Garden Rd.
7	Old Winter Garden Rd. @ Bluford Av.	* 1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic turning onto NB Bluford Av. from west bound Old Winter Garden Rd.
8	West SR 50 & Bluford Av.	* 1	Control the traffic light with a traffic signal control button. Priority given to north bound Bluford Av. evacuation traffic.
9	Bluford Av. & Geneva St.	* 1	Control the traffic light with a traffic signal control button. Priority given to north bound Bluford Av. traffic.
10	Bluford Av. & Orlando Av	* 1	Control the traffic light with a traffic signal control button. Priority given to north bound Bluford Av. traffic.
11	Bluford Av & Lafayette St.	* 1	Monitor and if necessary assist evacuation traffic in turning from north bound Bluford Av. onto east bound Lafayette St.
12	Lafayette St. & School Entrance	* 1	Monitor and if necessary assist evacuation traffic in turning from east bound Lafayette St. into the school entrance.

MANPOWER COUNT THIS ROUTE: - 3 DEPUTIES

*** - 8 OCOEE POLICE DEPARTMENT OFFICERS**
- FHP TROOPERS

MATERIAL COUNT THIS ROUTE: - 8 TRAFFIC SIGNAL CONTROL BUTTONS

- 8 TRAFFIC SIGNAL BOX KEYS
Shelter Route Sign Activation Manual

Abbreviations:

WB – West Bound
NB - North Bound

EB – east Bound **ADV - Advanced Warning of a Turn**
SB - South Bound **SR - State Road**

ANNEX # 29

Ocoee Middle School

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
106	NB Fl. Turnpike south of US 441 off-ramp	FHP	Buckle Up	Straight	Previously Opened	No
	NB Florida Turnpike south of Sand Lake Rd.	VMB at this location that could be utilized. (Direct shelter traffic to exit at SR 408)				
107	NB Fl. Turnpike south of I-4 off-ramp	FHP	Buckle Up	Straight	Previously Opened	No
193	NB Fl. Turnpike just prior to SR 408 off-ramp	FHP	Buckle Up	Right	Previously Opened	No
125	EB SR 408 prior to Good Homes Rd. exit	2	Buckle Up	Right	Yes	Yes
126	At top of off-ramp from EB SR 408 @ Good Homes Rd.	3	Buckle Up	Left	Yes	Yes
142	SB Good Homes Rd. @ Old Winter Garden Rd.	4	9-1-1	Right	Yes	Yes
135	WB Old Winter Garden Rd. @ Bluford Av.	10	9-1-1	Right	Yes	Yes
136	NB Bluford Av. @ SR 50	11	9-1-1	Straight	Yes	Yes
137	NB Bluford Av. @ Geneva St.	12	Buckle Up	Straight	Yes	Yes
138	NB Bluford Av. @ Lafayette St.	14	Buckle Up	Right	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 30

Lakeview Middle School
1200 W. Bay St.

Evacuee Capacity:
Host: 602

Route: NB Turnpike (Osceola county line) to EB SR 50 (Oakland) to NB CR 545 to NB Tildenville School Rd. to NB Harbor Dr. to EB Bay St and School Entrance

Note: See Annex # 72 in reference to important FHP manning commitments.

Post #	Location	# of D/S	Duties
1	NB Florida Turnpike @ top of off ramp from north bound FI Turnpike	FHP	Monitor and if necessary assist evacuation traffic in exiting from north bound Florida Turnpike onto the off-ramp to SR 50.
2	West SR 50 @ bottom of off ramp from north bound FI Turnpike	* 1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic exiting from north bound FI Turnpike and turning east bound onto SR 50.
3	West SR 50 & CR 545	** 3	Control the traffic light with a traffic signal control button. Priority given to the east bound SR 50 traffic turning north onto CR 545.. Monitor and if necessary assist evacuation traffic in turning from east bound SR 50 onto north bound CR 545.
4	CR 545 & Oakland Av.	* 1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic north bound on Tildenville School Rd.
5	Tildenville Elementary School & Brick Rd.	* 1	Do not allow evacuation traffic to mistakenly enter the elementary school parking lot. Direct evacuation traffic to continue moving north on Tildenville School Rd
6	Tildenville School Rd @ Harbor Dr.	** 1	Monitor and if necessary assist evacuation traffic in turning from EB Tildenville School Rd onto NB Harbor Dr. WITHOUT stopping at the 3-Way stop sign.
7	Harbor Dr. @ W. Bay St.	** 1	Monitor and if necessary assist evacuation traffic in turning from NB Harbor Dr. onto EB W. Bay St. WITHOUT stopping at the 4-Way stop sign.
8	W. Bay St @ School's East Parking Lot Entrance	** 1	Monitor and if necessary assist evacuation traffic in entering the school's east parking lot entrance.

MANPOWER COUNT THIS ROUTE:

*** - 3 OAKLAND POLICE DEPARTMENT OFFICERS**

**** - 6 WINTER GARDEN POLICE DEPARTMENT OFFICERS**

- FHP TROOPERS

MATERIAL COUNT THIS ROUTE:

- 3 TRAFFIC SIGNAL CONTROL BUTTONS

- 3 TRAFFIC SIGNAL BOX KEYS

Shelter Route Sign Activation Manual

Abbreviations:

WB – West Bound
NB - North Bound
SR - State Road

EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn

ANNEX # 30

Lakeview Middle School

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
106	NB Fl. Turnpike south of US 441 off-ramp	FHP	Buckle Up	Straight	Previously Opened	No
	NB Florida Turnpike south of Sand Lake Rd.	VMB at this location that could be utilized. (Direct shelter traffic to stay on NB Florida Turnpike)				
107	NB Fl. Turnpike south of I-4 off-ramp	FHP	Buckle Up	Straight	Previously Opened	No
	NB Florida Turnpike south of SR 50 (Oakland).	VMB at this location that could be utilized. (Direct shelter traffic to exit at SR 50)				
163	Bottom of off ramp from NB Fl Turnpike at SR 50	1	Buckle Up	Movable Right	Yes	Change Arrow Direction to Left
128	EB SR 50 @ CR 545	2	Buckle Up	Left	Yes	Yes
129	NB CR 545 @ Oakland Av.	3	9-1-1	Straight	Yes	Yes
130	EB Tildenville School Rd. @ Harbor Dr.	9	9-1-1	Left	Yes	Yes
151	NB Harbor Dr. @ W. Bay St.	10	9-1-1	Right	Yes	Yes
131	East entrance to the parking lot of the school located on the north end of the school	6	9-1-1	Left	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 31**EGRESS ROUTE****FLORIDA TURNPIKE**

Route # 1: NB Florida Turnpike (Osceola county line) to Lake County

Route # 2: NB Florida Turnpike (Osceola county line) to WB West SR 50 (Oakland) to Lake County

NOTE: When Lakeview Middle School has reached its maximum capacity of evacuees, evacuation traffic will be directed north bound on the Florida Turnpike into Lake County.

Note: See Annex # 72 in reference to important FHP manning commitments.

Post #	Location	# of D/S	Duties
1	Florida Turnpike & West SR 50 (Oakland)	FHP * 1	Monitor and if necessary assist evacuation traffic in exiting onto the West SR 50 off-ramp from north bound Florida Turnpike. Control the traffic light with a traffic signal control button. Priority given to traffic exiting from the north bound Florida Turnpike off-ramp onto west bound West SR 50.
2	SR 50 @ Florida Turnpike (west side of overpass)	* 1	Control the traffic light with a traffic signal control button. Priority given to west bound SR 50 traffic.
3	West SR 50 @ Remington Rd	1	Control the traffic light with a traffic signal control button. Priority given to east bound West SR 50 traffic.
4	SR 50 @ Deer Island Rd.	1	Control the traffic light with a traffic signal control button. Priority given to west bound SR 50 traffic.

MANPOWER COUNT THIS ROUTE: - 2 DEPUTIES

* - 2 OAKLAND POLICE

DEPARTMENT OFFICERS

- FHP TROOPERS

MATERIAL COUNT THIS ROUTE: - 4 TRAFFIC SIGNAL CONTROL BUTTONS

- 4 TRAFFIC SIGNAL BOX KEYS

NOTE: Lake County's E.O.C. should be advised when this route is about to be activated. This will allow for Lake County to prepare for the arrival of evacuees via this route.

Shelter Route Sign Activation Manual**Abbreviations:**

WB - West Bound
NB - North Bound
S.R. - State Road

EB - East Bound
SB - South Bound
ADV - Advanced Warning of a Turn

ANNEX # 31**EGRESS ROUTE****FLORIDA TURNPIKE**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
106	NB Fl. Turnpike south of US 441 off-ramp	FHP	Buckle Up	Straight	Previously Opened	Yes
	NB Florida Turnpike south of Sand Lake Rd.	VMB at this location that could be utilized. (Direct shelter traffic to stay on NB Florida Turnpike)				
107	NB Fl. Turnpike south of I-4 off-ramp	FHP	Buckle Up	Straight	Previously Opened	Yes
	NB Florida Turnpike south of SR 50 (Oakland).	VMB at this location that could be utilized. (Direct shelter traffic to exit at SR 50 and/or to stay on NB Florida Turnpike)				
163	Bottom of off ramp from NB Fl Turnpike at SR 50	1	Buckle Up	Movable Left	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ORANGE COUNTY

Traffic Operations Manual for Coastal Evacuations Traffic Posts

West Coast Evacuation

ANNEX # 32

**Lakeview Middle School
1200 W. Bay St.**

**Evacuee Capacity:
Host: 602**

Route # 1: EB SR 50 (Lake County Line) to NB CR 545 to NB Tildenville School Rd. to NB Harbor Dr. to EB Bay St and School Entrance

Route # 2: SB Florida Turnpike (Lake County Line) to EB SR 50 to NB CR 545 to NB Tildenville School Rd. to NB Harbor Dr. to EB Bay St and School Entrance

Note: See Annex # 72 in reference to important FHP manning commitments.

Post #	Location	# of D/S	Duties
1	West SR 50 @ Deer Island Rd	1	Control the traffic light with a traffic signal control button. Priority given to east bound West SR 50 traffic.
2	West SR 50 @ Remington Rd	1	Control the traffic light with a traffic signal control button. Priority given to east bound West SR 50 traffic.
3	SB Florida Turnpike at top of off-ramp to SR 50.	FHP	Monitor and if necessary assist evacuation traffic in exiting from south bound Florida Turnpike onto SR 50 off-ramp.
4	West SR 50 @ Fl. Turnpike (west side of the overpass)	* 1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic proceeding east bound on West SR 50 and evacuation traffic exiting from south bound Florida Turnpike that will also be turning east bound onto SR 50.
5	West SR 50 @ Fl. Turnpike (east side of the overpass)	* 1	Control the traffic light with a traffic signal control button. Priority given to east bound West SR 50 traffic.
6	West SR 50 & CR 545	** 3	Control the traffic light with a traffic signal control button. Priority given to the east bound SR 50 traffic turning north onto CR 545.. Monitor and if necessary assist evacuation traffic in turning from east bound SR 50 onto north bound CR 545.
7	CR 545 & Oakland Av.	* 1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic north bound on Tildenville School Rd.
8	Tildenville Elementary School & Brick Rd.	* 1	Do not allow evacuation traffic to mistakenly enter the elementary school parking lot. Direct evacuation traffic to continue moving north on Tildenville School Rd
9	Tildenville School Rd @ Harbor Dr.	** 1	Monitor and if necessary assist evacuation traffic in turning from EB Tildenville School Rd onto NB Harbor Dr. WITHOUT stopping at the 3-Way stop sign.
10	Harbor Dr. @ W. Bay St.	** 1	Monitor and if necessary assist evacuation traffic in turning from NB Harbor Dr. onto EB W. Bay St. WITHOUT stopping at the 4-Way stop sign.
11	W. Bay St @ School's East Parking Lot Entrance	** 1	Monitor and if necessary assist evacuation traffic in entering the school's east parking lot entrance.

MANPOWER COUNT THIS ROUTE: 2 DEPUTY, * 4 OAKLAND POLICE DEPARTMENT OFFICERS, ** 6 WINTER GARDEN POLICE DEPARTMENT OFFICERS. MATERIAL COUNT THIS ROUTE: 6 TRAFFIC SIGNAL CONTROL BUTTONS AND 6 TRAFFIC SIGNAL BOX KEYS

ORANGE COUNTY

Traffic Operations Manual for Coastal Evacuations Shelter Route Sign Activation Manual

West Coast Evacuation

Abbreviations: **WB – West Bound** **EB – East Bound**
 NB - North Bound **SB - South Bound**
 SR - State Road **ADV - Advanced Warning of a Turn**

ANNEX # 32 Lakeview Middle School

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
127	EB SR 50 @ Deer Island Rd.	1	Buckle Up	Straight	Yes	No
132	EB SR 50 @ on-ramp to SB Fl. Turnpike	2	Buckle Up	Movable Straight	Yes	Change Arrow Direction to Right
139	SB Fl. Turnpike Prior to Off-Ramp to SR 50	FHP	Buckle Up	Right	Yes	Yes
152	Bottom of Off-Ramp from SB Florida Turnpike @ SR 50	4	Buckle Up	Left	Yes	Yes
128	EB SR 50 @ CR 545	6	Buckle Up	Left	Yes	Yes
129	NB CR 545 @ Oakland Av.	7	9-1-1	Straight	Yes	Yes
130	EB Tildenville School Rd. @ Harbor Dr.	9	9-1-1	Left	Yes	Yes
151	NB Harbor Dr. @ W. Bay St.	10	9-1-1	Right	Yes	Yes
131	EB W. Bay St. @ East entrance to the parking lot of the school located on the north end of the school	11	9-1-1	Left	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 33

**Cypress Creek High School
1101 Bear Crossing Dr.**

**Evacuee Capacity:
Host: 761**

Route: EB I-4 (Osceola County) to NB SR 417 (Osceola County) to SB Landstar Blvd. to WB Town Center Blvd to NB Orange Av. (CR 527) to School Entrance

Post #	Location	# of D/S	Duties
1	NB SR 417 between Osceola county line & Landstar Blvd	2	These deputies in a two-person car, will patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. Will also escort the buses that are being used to pick-up the people stranded due to their disabled vehicles.
2	NB SR 417 @ off-ramp to Landstar Blvd	1	Assist evacuation traffic in exiting from north bound SR 417 onto the off-ramp to Landstar Blvd.
3	Landstar Blvd @ bottom of off-ramp from NB SR 417	1	Control the traffic light with a traffic signal control button. Priority given to traffic turning from the off-ramp onto south bound Landstar Blvd.
4	Landstar Blvd @ Town Center Blvd/Rhode Island Woods Cir	1	Control the traffic light with a traffic signal control button. Priority given to south bound Landstar Blvd traffic turning west onto Town Center Blvd.
5	Town Center Blvd @ Stonebrook Pl.	1	Control the traffic light with a traffic signal control button. Priority given to west bound Town Center Blvd evacuation traffic.
6	Town Center Blvd @ Orange Av (SR 527)	1	Control the traffic light with a traffic signal control button. Priority given to west bound Town Center Blvd traffic turning north onto Orange Av (SR 527).
7	Orange Av. & School Entrance	1	Control the traffic light with a traffic signal control button. Priority given to north bound Orange Av. traffic turning into the south entrance to the school.

MANPOWER COUNT THIS ROUTE: - 8 DEPUTIES

MATERIAL COUNT THIS ROUTE: - 5 TRAFFIC SIGNAL CONTROL BUTTONS

- 5 TRAFFIC SIGNAL BOX KEYS

Shelter Route Sign Activation Manual

Abbreviations:

**WB – West Bound
NB - North Bound
SR - State Road**

**EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn**

ANNEX # 33**Cypress Creek High School**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
70	NB SR 417 @ Osceola County Line	1	Buckle Up	Straight	Yes	No
71	NB SR 417 @ Town Loop Blvd Overpass	1	Buckle Up	Straight	Yes	No
72	NB SR 417 south of Landstar Blvd	1	Buckle Up	Right	Yes	No
73	Bottom of off-ramp from NB SR 417 @ Landstar Blvd.	3	Buckle Up	Right	Yes	No
74	SB Landstar Blvd north of Town Center Blvd/Rhode Island Woods Cir	4	9-1-1	Right	Yes	Yes
75	WB Town Center Blvd east of Orange Av (SR 527)	6	9-1-1	Right	Yes	Yes
66	NB Orange Av. @ south School Entrance	7	9-1-1	Left	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 34

Ocoee High School
1925 Ocoee Crown Point Pkwy

Evacuee Capacity:
Host: Unknown at Time of Report

Route # 1: **EB West SR 50 (Lake county line) to SB Florida Turnpike to NB SR 429 to WB West Rd. to NB Ocoee Apopka Rd. to WB Ocoee Crown Point Pkwy. to School Entrance**

Route # 2: **SB Florida Turnpike (Lake county line) to NB SR 429 to WB West Rd. to NB Ocoee Apopka Rd. to WB Ocoee Crown Point Pkwy. to School Entrance**

Note: **See Annex # 72 in reference to important FHP manning commitments.**

Post #	Location	# of D/S	Duties
1	West SR 50 @ Deer Island Rd	1	Control the traffic light with a traffic signal control button. Priority given to east bound West SR 50 traffic.
2	West SR 50 @ Remington Rd	1	Control the traffic light with a traffic signal control button. Priority given to east bound West SR 50 traffic.
3	West SR 50 @ Fl. Turnpike (west side of the overpass)	* 1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic turning onto the south bound Florida Turnpike on-ramp from east bound West SR 50.
4	South Bound Florida Turnpike & Off-ramp to SR 429	FHP	Monitor and if necessary assist evacuation traffic in exiting onto the SR 429 off-ramp from south bound Florida Turnpike.
5	SR 429 off-ramp at ramp split for north and south bound SR 429	FHP	Monitor and if necessary assist evacuation traffic in exiting onto the ramp to north bound SR 429 from the off-ramp from south bound Florida Turnpike.
6	NB SR 429 @ off-ramp to West Rd	** 2	One Officer at the bottom of the off-ramp will monitor and if needed assist evacuation traffic as it exits NB SR 429 onto the West Rd off-ramp. One Officer will control the traffic light with a traffic signal button at the top of the off-ramp at West Rd. Priority given to evacuation traffic turning WB onto West Rd.
7	West Rd. & off-ramp from SB SR 429	** 1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic proceeding west on West Rd.
8	Ocoee Crown Point Pkwy. @ School Entrance	** 1	Monitor and if necessary assist evacuation traffic in turning into the school entrance.

MANPOWER COUNT THIS ROUTE: - 2 DEPUTIES

* 1 OAKLAND POLICE DEPARTMENT OFFICER

** - 4 OCOEE POLICE DEPARTMENT OFFICERS

- FHP TROOPERS

MATERIAL COUNT THIS ROUTE: - 5 TRAFFIC SIGNAL CONTROL BUTTONS

- 5 TRAFFIC SIGNAL BOX KEYS

Shelter Route Sign Activation Manual

Abbreviations:

WB – West Bound
NB - North Bound
SR - State Road

EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn

ANNEX # 34**Ocoee High School**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
134	SB Fl. Turnpike @ West Orange Trail overpass	FHP	Buckle Up	Straight	Yes	No
127	EB SR 50 @ Deer Island Rd.	1	Buckle Up	Straight	Yes	No
132	EB SR 50 @ on-ramp to SB Fl. Turnpike	2	Buckle Up	Movable Right	Yes	No
	SB Fl. Turnpike north of SR 50 (Ocoee)	Per Turnpike FDOT they will utilize a VMB at this location to direct exiting.				
109	SB Fl. Turnpike prior to off-ramp to SR 429	FHP	Buckle Up	Right	Yes	Yes
110	SR 429 off-ramp just prior to ramp split for north and south bound SR 429	FHP	Buckle Up	Left	Yes	Yes
111	NB SR 429 prior to off-ramp to West Rd.	6	Buckle Up	Right	Yes	Yes
112	Top of off-ramp from NB SR 429 at West Rd.	6	Buckle Up	Left	Yes	Yes
190	WB Ocoee Crown Point Pkwy @ School Entrance	10	9-1-1	Left	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 35

**Meadow Woods Middle School
1800 Rhode Island Woods Cir.**

**Evacuee Capacity:
Host: 618**

Route: EB I-4 (Osceola County) to NB SR 417 (Osceola County) to SB Landstar Blvd. to EB Rhode Island Woods Cir. to School Entrance

Post #	Location	# of D/S	Duties
1	NB SR 417 between Osceola county line & Landstar Blvd	2	These deputies in a two-person car, will patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. Will also escort the buses that are being used to pick-up the people stranded due to their disabled vehicles.
2	NB SR 417 @ off-ramp to Landstar Blvd	1	Assist evacuation traffic in exiting from north bound SR 417 onto the off-ramp to Landstar Blvd.
3	Landstar Blvd @ bottom of off-ramp from NB SR 417	1	Control the traffic light with a traffic signal control button. Priority given to traffic turning from the off-ramp onto south bound Landstar Blvd.
4	Landstar Blvd @ Town Center Blvd/Rhode Island Woods Cir	2	Control the traffic light with a traffic signal control button. Priority given to south bound Landstar Blvd traffic turning east onto Rhode Island Woods Cir
5	Rhode Island Woods Cir @ School Entrance	1	Assist evacuation traffic in turning into the school parking lot.

MANPOWER COUNT THIS ROUTE: - 7 DEPUTIES

MATERIAL COUNT THIS ROUTE: - 2 TRAFFIC SIGNAL CONTROL BUTTONS

- 2 TRAFFIC SIGNAL BOX KEYS

Shelter Route Sign Activation Manual

Abbreviations:

**WB – West Bound
NB - North Bound
SR - State Road**

**EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn**

ANNEX # 35**Meadow Woods Middle School**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
70	NB SR 417 @ Osceola County Line	1	Buckle Up	Straight	Previously Opened	No
71	NB SR 417 @ Town Loop Blvd Overpass	1	Buckle Up	Straight	Previously Opened	No
72	NB SR 417 south of Landstar Blvd	1	Buckle Up	Right	Previously Opened	Yes
73	Bottom of off-ramp from NB SR 417 @ Landstar Blvd.	3	Buckle Up	Right	Previously Opened	Yes
76	SB Landstar Blvd north of Town Center Blvd/Rhode Island Woods Cir	4	9-1-1	Left	Yes	Yes
69	EB Rhode Island Woods Cir. @ south school entrance	5	9-1-1	Right	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 36

Ocoee Middle School
300 S. Bluford Av.

Evacuee Capacity:
Host: 611

Route # 1: EB West SR 50 (Lake county line) to SB Florida Turnpike to EB SR 408 to SB Good Homes Rd. to WB Old Winter Garden Rd. to NB Bluford Av. to School Entrance

Route # 2: SB Florida Turnpike (Lake county line) to EB SR 408 to SB Good Homes Rd. to WB Old Winter Garden Rd. to NB Bluford Av. to School Entrance

Note: See Annex # 72 in reference to important FHP manning commitments.

Post #	Location	# of D/S	Duties
1	West SR 50 @ Deer Island Rd	1	Control the traffic light with a traffic signal control button. Priority given to east bound West SR 50 traffic.
2	West SR 50 @ Remington Rd	1	Control the traffic light with a traffic signal control button. Priority given to east bound West SR 50 traffic.
3	West SR 50 @ Fl. Turnpike (west side of the overpass)	* 1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic turning onto the south bound Florida Turnpike on-ramp from east bound West SR 50.
4	South Bound Florida Turnpike @ bottom of off-ramp to SR 408	FHP	Monitor and if necessary assist evacuation traffic in exiting onto the SR 408 off-ramp from south bound Florida Turnpike.
5	East Bound SR 408 @ bottom of off-ramp to Good Homes Rd.	1	Monitor and if necessary assist evacuation traffic in exiting onto the Good Homes Rd. off-ramp from east bound SR 408.
6	Top of off-ramp from EB SR 408 @ Good Homes Rd.	1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic turning onto south bound Good Homes Rd. from off-ramp of east bound SR 408.
7	Good Homes Rd. @ Old Winter Garden Rd.	1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic turning onto west bound Old Winter Garden Rd. from Good Homes Rd.
8	Old Winter Garden Rd. @ Hempel Av.	** 1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic proceeding west bound on Old Winter Garden Rd.
9	Old Winter Garden Rd. @ Blackwood Av.	** 1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic proceeding west bound on Old Winter Garden Rd.
10	Old Winter Garden Rd. @ Bluford Av.	** 1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic turning onto NB Bluford Av. from west bound Old Winter Garden Rd.
11	West SR 50 & Bluford Av.	** 1	Control the traffic light with a traffic signal control button. Priority given to north bound Bluford Av. evacuation traffic.
12	Bluford Av. & Geneva St.	** 1	Control the traffic light with a traffic signal control button. Priority given to north bound Bluford Av. traffic.
13	Bluford Av. & Orlando Av	* 1	Control the traffic light with a traffic signal control button. Priority given to north bound Bluford Av. traffic.
14	Bluford Av & Lafayette St.	** 1	Monitor and if necessary assist evacuation traffic in turning from north bound Bluford Av. onto east bound Lafayette St.
15	Lafayette St. & School Entrance	** 1	Monitor and if necessary assist evacuation traffic in turning from east bound Lafayette St. into the school entrance.

MANPOWER COUNT THIS ROUTE: 5 DEPUTIES, * 1 OAKLAND POLICE DEPARTMENT OFFICER, ** 8 OCOEE POLICE DEPARTMENT OFFICERS, FHP TROOPERS. MATERIAL COUNT THIS ROUTE: 11 TRAFFIC SIGNAL CONTROL BUTTONS - 11 TRAFFIC SIGNAL BOX KEYS

Shelter Route Sign Activation Manual

Abbreviations: **WB – West Bound** **EB – east Bound**
 NB - North Bound **SB - South Bound**
 SR - State Road **ADV - Advanced Warning of a Turn**

ANNEX # 36

Ocoee Middle School

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
134	SB Fl. Turnpike @ West Orange Trail overpass	FHP	Buckle Up	Straight	Previously Opened	No
127	EB SR 50 @ Deer Island Rd.	1	Buckle Up	Straight	Previously Opened	No
132	EB SR 50 @ on-ramp to SB Fl. Turnpike	2	Buckle Up	Movable Right	Previously Opened	No
	SB Fl. Turnpike north of SR 50 (Ocoee)	Per Turnpike FDOT they will utilize a VMB at this location to direct exiting.				
165	SB Fl Turnpike north of S.R. 408 on ramp	FHP	Buckle Up	Movable Right	Yes	No
125	EB SR 408 prior to Good Homes Rd. exit	5	Buckle Up	Right	Yes	No
126	At top of off-ramp from EB SR 408 @ Good Homes Rd.	6	Buckle Up	Left	Yes	No
142	SB Good Homes Rd. @ Old Winter Garden Rd.	7	9-1-1	Right	Yes	No
135	WB Old Winter Garden Rd. @ Bluford Av.	10	9-1-1	Right	Yes	Yes
136	NB Bluford Av. @ SR 50	11	9-1-1	Straight	Yes	Yes
137	NB Bluford Av. @ Geneva St.	12	Buckle Up	Straight	Yes	Yes
138	NB Bluford Av. @ Lafayette St.	14	Buckle Up	Right	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 37

Odyssey Middle School Evacuee Capacity:
9290 Lee Vista Blvd. Host: 800 Victim:

Route: EB I-4 (Osceola County) to NB SR 417 (Osceola County) to WB Lee Vista Blvd. to School Entrance

Post #	Location	# of D/S	Duties
1	NB SR 417 between Osceola county line & Lee Vista Blvd	4	4 Deputies in two, two-person cars, will patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. Will also escort the buses that are being used to pick-up the people stranded due to their disabled vehicles.
2	SR 417 @ Lee Vista Blvd	* 3	Two officers at the top of the off-ramp from NB SR 417 to Lee Vista Blvd. Monitor and if necessary assist evacuation traffic onto the off-ramp. One officer at the bottom of the off-ramp to assist evacuation traffic in turning onto west bound Lee Vista Blvd.
3	Lee Vista Blvd at the east entrance to the school	* 1	Control the traffic light with a traffic signal control button. Priority given to west bound Lee Vista Blvd. traffic turning into the entrance to the school.

MANPOWER COUNT THIS ROUTE: - 4 DEPUTIES

*** - 4 ORLANDO POLICE DEPARTMENT OFFICERS**

Shelter Route Sign Activation Manual

Abbreviations:	WB – West Bound	EB – East Bound
	NB - North Bound	SB - South Bound
	SR - State Road	ADV - Advanced Warning of a Turn

Annex # 37**Odyssey Middle School**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
70	NB SR 417 @ Osceola County Line	1	Buckle Up	Straight	Previously Opened	No
71	NB SR 417 @ Town Loop Blvd Overpass	1	Buckle Up	Straight	Previously Opened	No
117	NB SR 417 south of the toll plaza, north of Landstar Blvd	1	Buckle Up	Straight	Yes	No
118	NB SR 417 south of EB SR 528 off-ramp	1	Buckle Up	Straight	Yes	No
43	NB SR 417 south of the Lee Vista Blvd exit	2	Buckle Up	Right	Yes	Yes
44	Bottom of off-ramp from NB SR 417 @ Lee Vista Blvd	2	Buckle Up	Left	Yes	Yes
45	WB Lee Vista Blvd east of the east entrance to the school	3	9-1-1	Left	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 38

**Gotha Middle School
9155 Gotha Rd.**

**Evacuee Capacity:
Host: 725**

Route # 1: EB West SR 50 (Lake county line) to SB Florida Turnpike to EB SR 408 to SB Good Homes Rd. to WB Old Winter Garden Rd. to SB Hempel Rd. to EB Gotha Rd. to School Entrance

Route # 2: SB Florida Turnpike (Lake county line) to EB SR 408 to SB Good Homes Rd. to WB Old Winter Garden Rd. to SB Hempel Rd. to EB Gotha Rd. to School Entrance

Note: See Annex # 72 in reference to important FHP manning commitments.

Post #	Location	# of D/S	Duties
1	West SR 50 @ Deer Island Rd	1	Control the traffic light with a traffic signal control button. Priority given to east bound West SR 50 traffic.
2	West SR 50 @ Remington Rd	1	Control the traffic light with a traffic signal control button. Priority given to east bound West SR 50 traffic.
3	West SR 50 @ Fl. Turnpike (west side of the overpass)	* 1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic turning onto the south bound Florida Turnpike on-ramp from east bound West SR 50.
4	South Bound Florida Turnpike @ bottom of off-ramp to SR 408	FHP	Monitor and if necessary assist evacuation traffic in exiting onto the SR 408 off-ramp from south bound Florida Turnpike.
5	East Bound SR 408 @ bottom of off-ramp to Good Homes Rd.	1	Monitor and if necessary assist evacuation traffic in exiting onto the Good Homes Rd. off-ramp from east bound SR 408.
6	Top of off-ramp from EB SR 408 @ Good Homes Rd.	1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic turning onto south bound Good Homes Rd. from off-ramp of east bound SR 408.
7	Good Homes Rd. @ Old Winter Garden Rd.	1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic turning onto west bound Old Winter Garden Rd. from Good Homes Rd.
8	Old Winter Garden Rd. @ Hempel Av.	** 1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic turning south bound onto Hempel Rd. from WB Old Winter Garden Rd.
9	Hempel Av. @ Gotha Rd.	1	Monitor and if necessary assist evacuation traffic in turning from south bound Hempel Av. onto east bound Gotha Rd.
10	Gotha Rd. @ School Entrance	1	Monitor and if necessary assist evacuation traffic in turning from east bound Gotha Rd. into the school entrance.

MANPOWER COUNT THIS ROUTE: - 7 DEPUTIES

*** - 1 OAKLAND POLICE DEPARTMENT OFFICER**

**** - 1 OCOEE POLICE DEPARTMENT OFFICERS**

- FHP TROOPERS

**MATERIAL COUNT THIS ROUTE: - 6 TRAFFIC SIGNAL CONTROL BUTTONS
- 6 TRAFFIC SIGNAL BOX KEYS**

Shelter Route Sign Activation Manual

Abbreviations:

**WB – West Bound
NB - North Bound
SR - State Road**

**EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn**

ANNEX # 38

Gotha Middle School

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
134	SB Fl. Turnpike @ West Orange Trail overpass	FHP	Buckle Up	Straight	Previously Opened	No
127	EB SR 50 @ Deer Island Rd.	1	Buckle Up	Straight	Previously Opened	No
132	EB SR 50 @ on-ramp to SB Fl. Turnpike	2	Buckle Up	Movable Right	Previously Opened	No
	SB Fl. Turnpike north of SR 50 (Ocoee)	Per Turnpike FDOT they will utilize a VMB at this location to direct exiting.				
165	SB Fl Turnpike north of S.R. 408 on ramp	FHP	Buckle Up	Movable Right	Yes	No
125	EB SR 408 prior to Good Homes Rd. exit	5	Buckle Up	Right	Yes	Yes
126	At top of off-ramp from EB SR 408 @ Good Homes Rd.	6	Buckle Up	Left	Yes	Yes
142	SB Good Homes Rd. @ Old Winter Garden Rd.	7	9-1-1	Right	Yes	Yes
192	WB Old Winter Garden Rd. @ Hempel Rd.	8	9-1-1	Left	Yes	Yes
140	SB Hempel Rd. @ Gotha Rd.	9	9-1-1	Left	Yes	Yes
141	EB Gotha Rd. @ School Entrance.	10	9-1-1	Left	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 39

**Liberty Middle School
3405 Chickasaw Trl.**

**Evacuee Capacity:
Host: 690**

Route: EB I-4 (Osceola County) to NB SR 417 (Osceola County) to WB Curry Ford Rd. to SB Chickasaw Trl. to School Entrance

Post #	Location	# of D/S	Duties
1	NB SR 417 between Osceola county line & Curry Ford Rd	4	4 Deputies in two, two-person cars, will patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. Will also escort the buses that are being used to pick-up the people stranded due to their disabled vehicles.
2	NB SR 417 @ Curry Ford off-ramp	1	Monitor and if necessary assist evacuation traffic in exiting from NB SR 417 onto the Curry Ford off-ramp.
3	Bottom of Curry Ford off-ramp @ Curry Ford Rd.	1	Control the traffic light with a traffic signal button. Priority given to traffic turning WB onto Curry Ford Rd. from the NB SR 417 off-ramp.
4	Bottom of Curry Ford off-ramp from SB SR 417 @ Curry Ford Rd.	1	Control the traffic light with a traffic signal button. Priority given to evacuation traffic traveling WB on Curry Ford Rd.
5	Curry Ford Rd. @ Econlockhatchee Trl.	1	Control the traffic light with a traffic signal button. Priority given to evacuation traffic traveling WB on Curry Ford Rd.
6	Curry Ford Rd. @ Chickasaw Trl.	1	Control the traffic light with a traffic signal button. Priority given to evacuation traffic turning onto SB Chickasaw Trl. from WB Curry Ford Rd.
7	Chickasaw Trl. @ School Entrance	1	Monitor and if necessary assist evacuation traffic in turning into the school entrance.

MANPOWER COUNT THIS ROUTE: - 10 DEPUTIES

MATERIAL COUNT THIS ROUTE: - 4 TRAFFIC SIGNAL CONTROL BUTTON

- 4 TRAFFIC SIGNAL BOX KEY

Shelter Route Sign Activation Manual

Abbreviations:

**WB – West Bound
NB - North Bound
SR - State Road**

**EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn**

Annex # 39**Liberty Middle School**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
70	NB SR 417 @ Osceola County Line	1	Buckle Up	Straight	Previously Opened	No
71	NB SR 417 @ Town Loop Blvd Overpass	1	Buckle Up	Straight	Previously Opened	No
117	NB SR 417 south of the toll plaza, north of Landstar Blvd	1	Buckle Up	Straight	Previously Opened	No
118	NB SR 417 south of EB SR 528 off-ramp	1	Buckle Up	Straight	Previously Opened	No
46	NB SR 417 @ Curry Ford Rd. off-ramp	2	Buckle Up	Right	Yes	No
47	Bottom of Curry Ford Rd. off-ramp @ Curry Ford Rd.	3	Buckle Up	Left	Yes	No
48	WB Curry Ford Rd. @ Chickasaw Trl.	6	Buckle Up	Left	Yes	Yes
49	SB Chickasaw Trl. @ north school entrance	7	9-1-1	Left	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

ANNEX # 40**EGRESS ROUTE****WEST SR 50**

Route: West SR 50 (Lake county line) to SB Florida Turnpike to WB SR 408 to NB SR 417 (Greenway) to Seminole County

NOTE: When Gotha Middle School has reached its maximum capacity of evacuees, evacuation traffic will be directed into Seminole County via north bound SR 417 (Greenway).

Note: See Annex # 72 in reference to important FHP manning commitments.

Post #	Location	# of D/S	Duties
1	West SR 50 @ Deer Island Rd	* 1	Control the traffic light with a traffic signal control button. Priority given to east bound West SR 50 traffic.
2	West SR 50 @ Remington Rd	* 1	Control the traffic light with a traffic signal control button. Priority given to east bound West SR 50 traffic.
3	West SR 50 @ Fl. Turnpike (west side of the overpass)	* 1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic turning onto the south bound Florida Turnpike on-ramp from east bound West SR 50.
4	SR 408 from Fl. Turnpike to Tampa Av.	4	4 Deputies will work this stretch of SR 408 in 2-person marked patrol units. The duties of these deputies will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
5	SR 408 @ Toll Plaza east of Conway Rd	** 1	Monitor and if necessary assist evacuation traffic passing through toll plaza.
6	SR 408 from Tampa Av. to the SR 436	** 4	4 Officers will work this stretch of SR 408 in two, 2-person marked patrol units. The duties of these officers will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
7	SR 408 from SR 436 to Seminole County line on SR 417.	4	4 Deputies will work this stretch of and SR 417 in 2-person marked patrol units. The duties of these deputies will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.

MANPOWER COUNT THIS ROUTE: - 8 DEPUTIES

** - 5 ORLANDO POLICE DEPARTMENT OFFICERS

* -31 OAKLAND POLICE DEPARTMENT OFFICER

- FHP TROOPERS

MATERIAL COUNT THIS ROUTE: - 3 TRAFFIC SIGNAL CONTROL BUTTON

- 3 TRAFFIC SIGNAL BOX KEY

NOTE: Seminole County's E.O.C. should be advised when this route is about to be activated. This will allow for Seminole County to prepare for the arrival of evacuees via this route.

Shelter Route Sign Activation Manual

Abbreviations:

**WB – West Bound
NB - North Bound
SR - State Road**

**EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn**

ANNEX # 40

EGRESS ROUTE

WEST SR 50

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
127	EB SR 50 @ Deer Island Rd.	1	Buckle Up	Straight	Previously Opened	Yes
132	EB SR 50 @ on-ramp to SB Fl. Turnpike	3	Buckle Up	Movable Right	Previously Opened	Yes
	SB Florida Turnpike north of SR 429	VMB at this location that could be utilized. (Direct shelter traffic to exit at SR 408)				
165	SB Fl Turnpike north of S.R. 408 on ramp	FHP	Buckle Up	Movable Right	Yes	Yes
	EB SR 408 @ Powers Dr.	VMB at this location that could be utilized. (Direct shelter traffic to stay on SR 408)				
	EB SR 408 @ Ferguson Dr.	VMB at this location that could be utilized. (Direct shelter traffic to stay on SR 408)				
153	EB SR 408 west of I-4 off-ramp	6	Buckle up	Straight	Yes	Yes
	EB SR 408 @ Ferguson Dr.	VMB at this location that could be utilized. (Direct shelter traffic to exit onto NB SR 417)				
168	EB SR 408 west of toll plaza east of Conway Rd.	6	Buckle Up	Straight	Yes	Yes
169	EB SR 408 west of NB SR 417 on-ramp	7	Buckle Up	Left	Yes	Yes
60	NB SR 417 south of SR 50 off-ramp	7	Buckle Up	Straight	Yes	Yes
61	NB SR 417 North of University Blvd. off-ramp	7	Buckle Up	Straight	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 41

**Evans High School
4949 Silver Star Rd.**

**Evacuee Capacity: 756
Host: 562**

Route: EB I-4 (Osceola county line) to WB SR 408 to NB Pine Hills Rd. to EB Silver Star Rd. to School Entrance

Note: See Annex # 72 in reference to important F.H.P. manning commitments.

Post #	Location	# of D/S	Duties
1	I-4 from Osceola county line to Universal Blvd	FHP	Troopers will work this stretch of I-4. The duties of these troopers will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
2	I-4 from Universal Blvd to SR 408	* 4	4 Officers will work this stretch of I-4 in two, 2-person marked patrol units. The duties of these officers will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
3	I-4 & SR 408	* 3	Monitor and if necessary assist evacuation traffic as it exits onto SR 408 on-ramp from east bound I-4. 1 Officer will be at the SR 408 on-ramp leading from I-4 west bound. This ramp will be closed. 15 Barricades will be required at this location to close the SR 408 on-ramp leading from I-4 west bound.
4	SR 408 from John Young Pkwy. To Pine Hills Rd.	2	2 Deputies will work this stretch of SR 408 in a 2-person marked patrol unit. The duties of these deputies will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
5	SR 408 & Pine Hills Rd.	3	Monitor, and if necessary assist evacuation traffic exiting onto the Pine Hills Rd. off-ramp. Direct evacuation traffic coming off the off-ramp onto north bound Pine Hills Rd. 15 Barricades will be required at this location to close off the north bound Pine Hills Rd. lane onto which the evacuation traffic will be turning.
6	Pine Hills Rd. & West SR 50	1	Control the traffic light with a traffic signal control button. Priority given to north bound Pine Hills Rd. traffic.
7	Pine Hills Rd. & Balboa Dr.	1	Control the traffic light with a traffic signal control button. Priority given to north bound Pine Hills Rd. traffic.
8	Pine Hills Rd. & Hernandez Dr.	1	Control the traffic light with a traffic signal control button. Priority given to north bound Pine Hills Rd. traffic.
9	Pine Hills Rd. & Silver Star Rd.	1	Control the traffic light with a traffic signal control button. Priority given to north bound Pine Hills Rd. evacuation traffic turning east onto Silver Star Rd
10	Silver Star Rd. & School Entrance	2	Control the traffic light with a traffic signal control button. Priority given to east bound Silver Star Rd. evacuation traffic turning into the schools south entrance.

MANPOWER COUNT THIS ROUTE:

- 11 DEPUTIES
- 7 ORLANDO POLICE DEPARTMENT OFFICERS
- FHP TROOPERS

MATERIAL COUNT THIS ROUTE:

- 5 TRAFFIC SIGNAL CONTROL BUTTONS
- 5 TRAFFIC SIGNAL BOX KEYS
- 30 TRAFFIC BARRICADES

Shelter Route Sign Activation Manual

Abbreviations:

WB - West Bound
NB - North Bound
S.R. - State Road

EB - East Bound
SB - South Bound
ADV - Advanced Warning of a Turn

ANNEX # 41

Evans High School

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
	EB I - 4 east of SR 535	VMB at this location that could be utilized. (Direct shelter traffic to stay on EB I-4)				
	EB I - 4 west of Sand Lake Rd.	VMB at this location that could be utilized. (Direct shelter traffic to stay on EB I-4)				
	EB I - 4 west of John Young Pkwy	VMB at this location that could be utilized. (Direct shelter traffic to exit onto SR 408)				
	EB I - 4 @ Kaley St.	VMB at this location that could be utilized. (Direct shelter traffic to exit onto SR 408)				
170	SR 408 on-ramp at ramp split for WB or EB SR 408	3	Buckle Up	Left	Yes	No
	WB SR 408 east of US 441 / S. Orange Blossom Trl.	VMB at this location that could be utilized. (Direct shelter traffic to exit at Pine Hills Rd.)				
172	WB SR 408 east of Pine Hills Rd. Toll Plaza off-ramp	4	Buckle Up	Right	Yes	Yes
173	Pine Hills Rd @ bottom of off-ramp from WB SR 408	5	Buckle Up	Right	Yes	Yes
174	NB Pine Hills Rd @ SR 50	6	9-1-1	Straight	Yes	Yes
175	NB Pine Hills Rd @ Silver Star Rd	9	9-1-1	Right	Yes	Yes
161	EB Silver Star Rd. @ School Entrance	10	Buckle Up	Left	Yes	Yes

Sign directions along I-4 will be implemented by use of "in place" electronic variable message signs.

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 42**EGRESS ROUTE****John Young Parkway**

Route: NB John Young Pkwy (Osceola county line) to EB SR 528 (Beeline Expressway) to Brevard County

NOTE: When Walker Middle School has reached its maximum capacity of evacuees, evacuation traffic will be directed into Brevard County via SR 528

Note: See Annex # 72 in reference to important FHP manning commitments.

Post #	Location	# of D/S	Duties
1	John Young Pkwy & Hunters Creek Blvd.	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
2	John Young Pkwy. & Town Center Blvd.	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
3	John Young Pkwy. & SR 417 (south side of overpass)	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
4	John Young Pkwy. & N. Town Loop Blvd.	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
5	John Young Pkwy @ Deerfield Blvd	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
6	John Young Pkwy @ Whisper Lakes Blvd	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
7	John Young Pkwy @ Menta St.	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
8	John Young Pkwy. & Central Florida Pkwy.	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy. traffic.
9	John Young Pkwy. @ Taft-Vineland Rd	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy. Traffic.
10	John Young Pkwy @ on-ramp to EB SR 528	1	Monitor and if necessary assist evacuation traffic in turning from north bound John Young Pkwy onto the on-ramp to east bound SR 528.
11	EB SR 528 @ toll plaza	1	Monitor and if necessary assist evacuation traffic passing through the toll plaza.
12	SR 528 between John Young Pkwy and the toll plaza just east of SR 417	4	Two, two- person marked units will patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. Will also escort the buses that are being used to pick-up the people stranded due to their disabled vehicles.
13	SR 528 toll plaza at Orlando International Airport	* 1	Assist toll plaza personnel in keeping the evacuation traffic moving.

MANPOWER COUNT THIS ROUTE:

- 15 DEPUTIES
- FHP TROOPERS
- * - 1 ORLANDO POLICE DEPARTMENT OFFICER

MATERIAL COUNT THIS ROUTE:

- 9 TRAFFIC SIGNAL CONTROL BUTTONS
- 9 TRAFFIC SIGNAL BOX KEYS

NOTE: Brevard County's E.O.C. should be advised when this route is about to be activated. This will allow for Brevard County to prepare for the arrival of evacuees via this route.

SPECIAL NOTE:

If it is determined that the projected storm track will cross central Florida and exit out through Brevard County evacuees will be directed onto SR 417 north bound, not east bound on SR 528. Refer to Annex # 28 for signing and post instructions if SR 417 is used.

Shelter Route Sign Activation Manual

Abbreviations: **WB – West Bound** **EB – East Bound**
 NB - North Bound **SB - South Bound**
 SR - State Road **ADV - Advanced Warning of a Turn**

ANNEX # 42

EGRESS ROUTE

John Young Parkway

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
1	NB John Young Pkwy @ Orange/Osceola county line	1	9-1-1	Straight	Previously Opened	Yes
5	NB John Young Pkwy south of SR 417	3	9-1-1	Straight	Previously Opened	Yes
11	NB John Young Pkwy south of on-ramp to EB SR 528	8	9-1-1	Right	Previously Opened	Yes
12	EB SR 528 west of South Orange Blossom Trl. Exit	12	Buckle Up	Straight	Previously Opened	Yes
191	EB SR 528 west the toll plaza between US 441 and Orange Av.	12	Buckle Up	Straight	Yes	Yes
62	EB SR 528 west of toll plaza at Orlando International Airport	11	Buckle Up	Straight	Yes	Yes
63	EB SR 528 west of on ramp to SR 417	12	Buckle Up	Movable Straight	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX #43 Valencia Community College (East Campus)
701 N. Econlockhatchee Trl

Evacuee Capacity:
Host: 699
Victim:

Route: EB I-4 (Osceola County) to NB SR 417 (Osceola County) to WB Curry Ford Rd. to NB Econlockhatchee Trl. to School Entrance

Post #	Location	# of D/S	Duties
1	NB SR 417 between Osceola county line & Curry Ford Rd	4	4 Deputies in two, two-person cars, will patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. Will also escort the buses that are being used to pick-up the people stranded due to their disabled vehicles.
2	NB SR 417 @ Curry Ford off-ramp	1	Monitor and if necessary assist evacuation traffic in exiting from NB SR 417 onto the Curry Ford off-ramp.
3	Bottom of Curry Ford off-ramp @ Curry Ford Rd.	1	Control the traffic light with a traffic signal button. Priority given to traffic turning WB onto Curry Ford Rd. from the NB SR 417 off-ramp.
4	Bottom of Curry Ford off-ramp from SB SR 417 @ Curry Ford Rd.	1	Control the traffic light with a traffic signal button. Priority given to evacuation traffic traveling WB on Curry Ford Rd.
5	Curry Ford Rd @ Econlockhatchee Trl	1	Control the traffic light with a traffic signal button. Priority given to evacuation traffic turning from WB Curry Ford Rd. onto NB Econlockhatchee Trl.
6	Econlockhatchee Trl. @ Lake Underhill Rd.	1	Control the traffic light with a traffic signal button. Priority given to evacuation traffic proceeding north bound on Econlockhatchee Trl.
7	Econlockhatchee Trl. @ Valencia College Ln.	3	Control the traffic light with a traffic signal button. Priority given to evacuation traffic proceeding north bound on Econlockhatchee Trl. turning into Valencia Community College. Assist traffic entering the parking lot.

MANPOWER COUNT THIS ROUTE: - 12 DEPUTIES

MATERIAL COUNT THIS ROUTE: - 5 TRAFFIC SIGNAL CONTROL BUTTONS

- 5 TRAFFIC SIGNAL BOX KEYS

Shelter Route Sign Activation Manual

Abbreviations:

WB – West Bound
NB - North Bound
SR - State Road

EB – East Bound
SB - South Bound

ADV - Advanced Warning of a Turn

Annex # 43

Valencia Community College (East Campus)

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
70	NB SR 417 @ Osceola County Line	1	Buckle Up	Straight	Previously Opened	No
71	NB SR 417 @ Town Loop Blvd Overpass	1	Buckle Up	Straight	Previously Opened	No
117	NB SR 417 south of the toll plaza, north of Landstar Blvd	1	Buckle Up	Straight	Previously Opened	No
118	NB SR 417 south of EB SR 528 off-ramp	1	Buckle Up	Straight	Previously Opened	No
46	NB SR 417 @ Curry Ford Rd. off-ramp	2	Buckle Up	Right	Previously Opened	Yes
47	Bottom of Curry Ford Rd. off-ramp @ Curry Ford Rd.	3	Buckle Up	Left	Previously Opened	Yes
50	WB Curry Ford Rd. east of Econlockhatchee Trl.	5	Buckle Up	Right	Yes	Yes
51	NB Econlockhatchee Trl. @ Berry Dease Rd	6	9-1-1	Straight	Yes	Yes
52	NB Econlockhatchee Trl. south of Valencia College Ln.	7	9-1-1	Right	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 44

**Jones High School
801 S. Rio Grande Av.**

**Evacuee Capacity:
Host: 500**

Route: EB I-4 (Osceola county line) to WB SR 408 to US 441 Exit/WB Long St. to SB Rio Grande Av. to School Entrance

Note: See Annex # 72 in reference to important FHP manning commitments.

Post #	Location	# of D/S	Duties
1	I-4 from Osceola county line to Universal Blvd	FHP	Troopers will work this stretch of I-4. The duties of these troopers will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
2	I-4 from Universal Blvd to SR 408	* 4	4 Officers will work this stretch of I-4 in two, 2-person marked patrol units. The duties of these officers will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
3	I-4 & SR 408	* 3	Monitor and if necessary assist evacuation traffic as it exits onto SR 408 on-ramp from east bound I-4. 1 Officer will be at the SR 408 on-ramp leading from I-4 west bound. This ramp will be closed. 15 Barricades will be required at this location to close the SR 408 on-ramp leading from I-4 west bound.
4	SR 408 & U.S. 441/Long St.	* 3	Monitor and if necessary assist evacuation traffic as it exits onto the U.S. 441/Long St. off-ramp from west bound SR 408. Control the traffic light at US 441 & Long St. with a traffic signal control button. Priority given to west bound Long St. traffic.
5	Long St. & Rio Grande Av.	* 2	Monitor and if necessary assist evacuation traffic in turning from west bound Long St. onto south bound Rio Grande Av.
6	Rio Grande Av. @ School Entrance	* 2	Assist evacuation traffic in turning from south bound Rio Grande Av. into the school entrance.

MANPOWER COUT THIS ROUTE:

*** - 14 ORLANDO POLICE DEPARTMENT OFFICERS**

- FHP TROOPERS

MATERIAL COUNT THIS ROUTE:

- 1 TRAFFIC SIGNAL CONTROL BUTTON & BOX KEY

- 15 TRAFFIC BARRICADES

Shelter Route Sign Activation Manual

Abbreviations:

**WB – West Bound
NB - North Bound
SR - State Road**

**EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn**

Annex # 44

Jones High School

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
	EB I – 4 east of SR 535	VMB at this location that could be utilized. (Direct shelter traffic to stay on EB I–4)				
	EB I – 4 west of Sand Lake Rd.	VMB at this location that could be utilized. (Direct shelter traffic to stay on EB I–4)				
	EB I – 4 west of John Young Pkwy	VMB at this location that could be utilized. (Direct shelter traffic to exit onto SR 408)				
	EB I – 4 @ Kaley St.	VMB at this location that could be utilized. (Direct shelter traffic to exit onto SR 408)				
170	SR 408 on-ramp at ramp split for WB or EB SR 408	3	Buckle Up	Left	Yes	Yes
	WB SR 408 east of US 441 / S. Orange Blossom Trl.	VMB at this location that could be utilized. (Direct shelter traffic to exit at U.S. 441 / South Orange Blossom Trail)				
177	WB Long St. west of Orange Blossom Trl.	4	9-1-1	Straight	Yes	Yes
178	WB Long St. east of Rio Grande Av.	5	9-1-1	Adv. Left	Yes	Yes
179	WB Long St. @ Rio Grande Av	5	9-1-1	Left	Yes	Yes
149	SB Rio Grande Av. @ School Entrance	6	9-1-1	Left	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 45

**Union Park Middle School
1844 Westfall Dr.**

**Evacuee Capacity:
Host: 696
Victim:**

Route: EB I-4 (Osceola County) to NB SR 417 (Osceola County) to EB SR 408 to NB Dean Rd. to WB Elm St. to School Entrance

Post #	Location	# of D/S	Duties
1	NB SR 417 between Osceola county line & SR 528	4	4 Deputies in two, two-person cars, will patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. Will also escort the buses that are being used to pick-up the people stranded due to their disabled vehicles.
2	NB SR 417 between SR 528 and the Dean Rd exit on SR 408	2	These deputies in a two-person car, will patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. Will also escort the buses that are being used to pick-up the people stranded due to their disabled vehicles.
3	NB SR 417 @ EB SR 408 off-ramp	2	Monitor and if necessary assist evacuation traffic exiting from NB SR 417 onto the EB SR 408 off-ramp.
4	SR 408 & Dean Rd.	3	Monitor and if necessary assist evacuation traffic as it exits onto the Dean Rd. off-ramp from east bound SR 408. Control the traffic light at Dean Rd. and the east bound SR 408 off-ramp with a traffic signal control button. Priority given to traffic turning north bound onto Dean Rd. from the SR 408 off-ramp. Control the traffic light at Dean Rd. and the west bound SR 408 off-ramp with a traffic signal control button. Priority given to north bound Dean Rd. traffic.
5	Dean Rd. & Curameng Dr.	1	Control the traffic light with a traffic signal control button. Priority given to north bound Dean Rd. traffic.
6	Dean Rd. & Flowers Av.	1	Control the traffic light with a traffic signal control button. Priority given to north bound Dean Rd. traffic.
7	Dean Rd. & East SR 50	1	Control the traffic light with a traffic signal control button. Priority given to north bound Dean Rd. traffic.
8	Dean Rd. & Elm St.	2	Monitor and if necessary assist evacuation traffic in turning from north bound Dean Rd. onto west bound Elm St.
9	Elm St. & Westfall Dr.	1	Control the intersection physically. Priority given to west bound Elm St.
10	Elm St. & north entrance to school	1	Monitor and assist evacuation traffic in turning into the school parking lot.

MANPOWER COUNT THIS ROUTE: - 18 DEPUTIES

MATERIAL COUNT THIS ROUTE: - 6 TRAFFIC SIGNAL CONTROL BUTTONS

- 6 TRAFFIC SIGNAL BOX KEYS

Shelter Route Sign Activation Manual

Abbreviations:

**WB – West Bound
NB - North Bound
SR - State Road**

**EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn**

Annex # 45**Union Park Middle School**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
70	NB SR 417 @ Osceola County Line	1	Buckle Up	Straight	Previously Opened	No
71	NB SR 417 @ Town Loop Blvd Overpass	1	Buckle Up	Straight	Previously Opened	No
117	NB SR 417 south of the toll plaza, north of Landstar Blvd	1	Buckle Up	Straight	Previously Opened	No
118	NB SR 417 south of EB SR 528 off-ramp	1	Buckle Up	Straight	Previously Opened	No
53	NB SR 417 south of the EB SR 408 off-ramp	3	Buckle Up	Movable Right	Yes	No
54	EB SR 408 west of the Dean Rd. off-ramp	2	Buckle Up	Right	Yes	Yes
55	Top of ramp from EB SR 408 @ Dean Rd.	4	Buckle Up	Left	Yes	Yes
56	NB Dean Rd. @ Flowers Av	6	9-1-1	Straight	Yes	Yes
57	NB Dean Rd. @ Elm St.	8	9-1-1	Left	Yes	Yes
58	WB Elm St. @ north school entrance	10	9-1-1	Left	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

Route: EB I-4 (Osceola county line) to Seminole County

NOTE: When Memorial Middle School has reached its maximum capacity of evacuees, evacuation traffic will be directed east bound on Interstate 4 into Seminole County.

Note: See Annex # 72 in reference to important FHP manning commitments.

Post #	Location	# of D/S	Duties
1	I-4 from Osceola county line to Universal Blvd	FHP	Troopers will work this stretch of I-4. The duties of these troopers will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
2	I-4 from Universal Blvd to Fairbanks Av.	* 4	4 Officers will work this stretch of I-4 in two, 2-person marked patrol units. The duties of these officers will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
3	I-4 from Fairbanks Av. to Seminole County	2	2 Deputies will work this stretch of I-4 in a 2-person marked patrol unit. The duties of these troopers will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.

MANPOWER COUNT THIS ROUTE: - 2 DEPUTIES

- FHP TROOPERS

* - 4 ORLANDO POLICE DEPARTMENT OFFICERS

NOTE: Seminole County's E.O.C. should be advised when this route is about to be activated. This will allow for Seminole County to prepare for the arrival of evacuees via this route.

Shelter Route Sign Activation Manual

ANNEX # 46

EGRESS ROUTE

I-4

NOTE: Utilize all Electronic Message Signs located on EB I-4 between the Osceola and Seminole County lines.

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
	EB I – 4 east of SR 535		VMB at this location that could be utilized. (Direct shelter traffic to stay on EB I-4)			
	EB I – 4 west of Sand Lake Rd.		VMB at this location that could be utilized. (Direct shelter traffic to stay on EB I-4)			
	EB I – 4 west of John Young Pkwy		VMB at this location that could be utilized. (Direct shelter traffic to stay on EB I-4)			
	EB I – 4 @ Kaley St.		VMB at this location that could be utilized. (Direct shelter traffic to stay on EB I-4)			
	EB I – 4 @ Lake Ivanhoe		VMB at this location that could be utilized. (Direct shelter traffic to stay on EB I-4)			
	EB I – 4 @ Kennedy Blvd.		VMB at this location that could be utilized. (Direct shelter traffic to stay on EB I-4)			

ANNEX # 47

**Discovery Middle School
601 Woodbury Rd.**

**Evacuee Capacity:
Host: 618**

Route: EB I-4 (Osceola County) to NB SR 417 (Osceola County) to EB SR 408 to SB Rouse Rd. to EB Lake Underhill Rd. to SB Woodbury Dr. to School Entrance

Post #	Location	# of D/S	Duties
1	NB SR 417 between Osceola county line & SR 528	4	4 Deputies in two, two-person cars, will patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. Will also escort the buses that are being used to pick-up the people stranded due to their disabled vehicles.
2	NB SR 417 between SR 528 and the Alafaya Trl exit on SR 408	2	These deputies in a two-person car, will patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. Will also escort the buses that are being used to pick-up the people stranded due to their disabled vehicles.
3	NB SR 417 @ EB SR 408 off-ramp	2	Monitor and if necessary assist evacuation traffic exiting from NB SR 417 onto the EB SR 408 off-ramp.
4	SR 408 & Rouse Rd.	3	Monitor and if necessary assist evacuation traffic as it exits onto the Rouse Rd. off-ramp from east bound SR 408. Control the traffic light at Rouse Rd. and the east bound SR 408. off-ramp with a traffic signal control button. Priority given to traffic turning south bound onto Rouse Rd. from the SR 408 off-ramp.
5	Rouse Rd. @ Lake Underhill Rd.	1	Control the traffic light with a traffic signal button. Priority given to south bound Rouse Rd. traffic turning onto east bound Lake Underhill Rd.
6	Lake Underhill Rd. @ Legacy MS	1	Control the traffic light with a traffic signal button. Priority given to east bound Lake Underhill Rd. traffic.
7	Lake Underhill Rd. @ Huckleberry Finn Dr.	1	Control the traffic light with a traffic signal button. Priority given to east bound Lake Underhill Rd. traffic.
8	Lake Underhill Rd. @ Alafaya Trl.	1	Control the traffic light with a traffic signal button. Priority given to east bound Lake Underhill Rd. traffic.
9	Lake Underhill @ Mark Twain Blvd	1	Control the traffic light with a traffic signal button. Priority given to east bound Lake Underhill Rd. traffic.
10	Lake Underhill Rd. @ Woodbury Rd.	1	Control the traffic light with a traffic signal button. Priority given to east bound Lake Underhill Rd. traffic turning south bound onto Woodbury Rd.
11	Woodbury Rd. @ School Entrance	1	Assist evacuation traffic in turning into the school entrance from south bound Woodbury Rd.

MANPOWER COUNT THIS ROUTE: - 18 DEPUTIES

MATERIAL COUNT THIS ROUTE: - 7 TRAFFIC SIGNAL CONTROL BUTTONS

- 7 TRAFFIC SIGNAL BOX KEYS

Shelter Route Sign Activation Manual

Abbreviations:

**WB – West Bound
NB – North Bound
SR – State Road**

**EB – East Bound
SB – South Bound
ADV – Advanced Warning of a Turn**

ANNEX # 47**Discovery Middle School**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
70	NB SR 417 @ Osceola County Line	1	Buckle Up	Straight	Previously Opened	No
71	NB SR 417 @ Town Loop Blvd Overpass	1	Buckle Up	Straight	Previously Opened	No
117	NB SR 417 south of the toll plaza, north of Landstar Blvd	1	Buckle Up	Straight	Previously Opened	No
118	NB SR 417 south of EB SR 528 off-ramp	1	Buckle Up	Straight	Previously Opened	No
53	NB SR 417 south of the EB SR 408 off-ramp	3	Buckle Up	Movable Right	Previously Opened	Yes
103	EB SR 408 west of the Rouse Rd. off-ramp	4	Buckle Up	Right	Previously Opened	Yes
119	Rouse Rd. @ bottom of off-ramp from EB SR 408	4	Buckle Up	Right	Previously Opened	Yes
91	SB Rouse Rd. north of Lake Underhill Rd.	5	9-1-1	Left	Previously Opened	Yes
92	EB Lake Underhill Rd. west of Alafaya Trl.	8	9-1-1	Straight	Yes	Yes
93	EB Lake Underhill Rd. west of Woodbury Rd.	10	9-1-1	Right	Yes	Yes
94	SB Woodbury Rd. @ School Entrance	11	9-1-1	Left	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 48

**Legacy Middle School
11398 Lake Underhill Rd.**

**Evacuee Capacity:
Host: Unknown at Time of Report**

Route: EB I-4 (Osceola County) to NB SR 417 (Osceola County) to EB SR 408 to SB Rouse Rd. to EB Lake Underhill Rd. to School Entrance

Post #	Location	# of D/S	Duties
1	NB SR 417 between Osceola county line & SR 528	4	4 Deputies in two, two-person cars, will patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. Will also escort the buses that are being used to pick-up the people stranded due to their disabled vehicles.
2	NB SR 417 between SR 528 and the Alafaya Trl exit on SR 408	2	These deputies in a two-person car, will patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. Will also escort the buses that are being used to pick-up the people stranded due to their disabled vehicles.
3	NB SR 417 @ EB SR 408 off-ramp	2	Monitor and if necessary assist evacuation traffic exiting from NB SR 417 onto the EB SR 408 off-ramp.
4	SR 408 & Rouse Rd.	3	Monitor and if necessary assist evacuation traffic as it exits onto the Rouse Rd. off-ramp from east bound SR 408. Control the traffic light at Rouse Rd. and the east bound SR 408. off-ramp with a traffic signal control button. Priority given to traffic turning south bound onto Rouse Rd. from the SR 408 off-ramp.
5	Rouse Rd. @ Lake Underhill Rd.	1	Control the traffic light with a traffic signal button. Priority given to south bound Rouse Rd. traffic turning onto east bound Lake Underhill Rd.
6	Lake Underhill Rd. @ School Entrance	2	Control the traffic light with a traffic signal button. Priority given to east bound Lake Underhill Rd. evacuation traffic turning into the school entrance.

MANPOWER COUNT THIS ROUTE: - 14 DEPUTIES

MATERIAL COUNT THIS ROUTE: - 3 TRAFFIC SIGNAL CONTROL BUTTONS

- 3 TRAFFIC SIGNAL BOX KEYS

Shelter Route Sign Activation Manual

Abbreviations:

**WB – West Bound
NB - North Bound
SR - State Road**

**EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn**

ANNEX # 48**Legacy Middle School**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
70	NB SR 417 @ Osceola County Line	1	Buckle Up	Straight	Previously Opened	No
71	NB SR 417 @ Town Loop Blvd Overpass	1	Buckle Up	Straight	Previously Opened	No
117	NB SR 417 south of the toll plaza, north of Landstar Blvd	1	Buckle Up	Straight	Previously Opened	No
118	NB SR 417 south of EB SR 528 off-ramp	1	Buckle Up	Straight	Previously Opened	No
53	NB SR 417 south of the EB SR 408 off-ramp	3	Buckle Up	Movable Right	Previously Opened	Yes
103	EB SR 408 west of the Rouse Rd. off-ramp	4	Buckle Up	Right	Yes	No
119	Rouse Rd. @ bottom of off-ramp from EB SR 408	4	Buckle Up	Right	Yes	No
91	SB Rouse Rd. north of Lake Underhill Rd.	5	9-1-1	Left	Yes	No
38	Lake Underhill Rd. west of the School Entrance	6	9-1-1	Right	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 49**University of Central Florida
4000 Central Florida Blvd.****Evacuee Capacity:
Host: 2,075****Route: EB I-4 (Osceola County) to NB SR 417 (Osceola County) to EB SR 408 to NB Alafaya Trl. to EB Gemini Blvd. North/School Entrance**

Post #	Location	# of D/S	Duties
1	NB SR 417 between Osceola county line & SR 528	4	4 Deputies in two, two-person cars, will patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. Will also escort the buses that are being used to pick-up the people stranded due to their disabled vehicles.
2	NB SR 417 between SR 528 and the Alafaya Trl exit on SR 408	2	These deputies in a two-person car, will patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. Will also escort the buses that are being used to pick-up the people stranded due to their disabled vehicles.
3	NB SR 417 @ EB SR 408 off-ramp	2	Monitor and if necessary assist evacuation traffic exiting from NB SR 417 onto the EB SR 408 off-ramp.
4	SR 408 & Alafaya Trl.	3	Monitor and if necessary assist evacuation traffic as it exits onto the Alafaya Trl. off-ramp from east bound SR 408. Control the traffic light at Alafaya Trl. and the east bound SR 408 off-ramp with a traffic signal control button. Priority given to traffic turning north bound onto Alafaya Trl. from SR 408 off-ramp.
5	Alafaya Trl @ Waterford Lakes Ctr	1	Control the traffic light with a traffic signal button. Priority given to north bound Alafaya Trl. traffic.
6	Alafaya Trl. @ Waterford Lakes Town Center Blvd	1	Control the traffic light with a traffic signal button. Priority given to north bound Alafaya Trl. traffic.
7	Alafaya Trl. @ Waterford Lakes Pk	1	Control the traffic light with a traffic signal button. Priority given to north bound Alafaya Trl. traffic.
8	East SR 50 & Alafaya Trl.	1	Control the traffic light with a traffic signal button. Priority given to north bound Alafaya Trl. traffic.
9	Alafaya Trl. & Challenger Dr.	1	Control the traffic light with a traffic signal button. Priority given to north bound Alafaya Trl. traffic. Depending on the time of day this light could be put on flash and not manned.
10	Alafaya Trl. & Lokanotosa Trl	1	Control the traffic light with a traffic signal button. Priority given to north bound Alafaya Trl. traffic.
11	Alafaya Trl. & Research Pkwy	1	Control the traffic light with a traffic signal button. Priority given to north bound Alafaya Trl. traffic.
12	Alafaya Trl. & Central Florida Blvd	1	Control the traffic light with a traffic signal button. Priority given to north bound Alafaya Trl. traffic.
13	Alafaya Trl. & University Blvd	* 1	Control the traffic light with a traffic signal button. Priority given to north bound Alafaya Trl. traffic.
14	Alafaya Trl. & Centaurus Dr	* 1	Control the traffic light with a traffic signal button. Priority given to north bound Alafaya Trl. traffic.
15	Alafaya Trl. & Gemini Blvd. N.	* 1	Control the traffic light with a traffic signal button. Priority given to north bound Alafaya Trl. traffic turning east bound onto Gemini Blvd. N.

MANPOWER COUNT THIS ROUTE: - 23 DEPUTIES * - 3 U.C.F. POLICE OFFICERS

MATERIAL COUNT THIS ROUTE: - 12 TRAFFIC SIGNAL CONTROL BUTTONS AND BOX KEYS

Shelter Route Sign Activation Manual

Abbreviations:

WB – West Bound
NB - North Bound
SR - State Road

EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn

Annex # 49

University of Central Florida

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
70	NB SR 417 @ Osceola County Line	1	Buckle Up	Straight	Previously Opened	No
71	NB SR 417 @ Town Loop Blvd Overpass	1	Buckle Up	Straight	Previously Opened	No
117	NB SR 417 south of the toll plaza, north of Landstar Blvd	1	Buckle Up	Straight	Previously Opened	No
118	NB SR 417 south of EB SR 528 off-ramp	1	Buckle Up	Straight	Previously Opened	No
53	NB SR 417 south of the EB SR 408 off-ramp	3	Buckle Up	Movable Right	Previously Opened	Change Arrow Direction to Straight
101	EB SR 408 west of the Alafaya Trl. off-ramp	4	Buckle Up	Right	Yes	Yes
102	Alafaya Trl. @ bottom of off-ramp from EB SR 408	4	Buckle Up	Left	Yes	Yes
104	NB Alafaya Trl south of SR 50	8	Buckle Up	Straight	Yes	Yes
85	NB Alafaya Trl. @ University Blvd	13	Buckle Up	Straight	Yes	Yes
86	NB Alafaya Trl. south of Gemini Blvd. N.	15	Buckle Up	Right	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 50

EGRESS ROUTE

SR 417 (Greenway)

Route: EB I-4 (Osceola County) to NB SR 417 (Osceola County) to Seminole County

NOTE: When the University of Central Florida has reached its maximum capacity of evacuees, evacuation traffic will be directed into Seminole County via SR 417 (Greenway).

Post #	Location	# of D/S	Duties
1	NB SR 417 between Osceola county line & SR 528	4	4 Deputies in two, two-person cars, will patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. Will also escort the buses that are being used to pick-up the people stranded due to their disabled vehicles.
2	NB SR 417 between SR 528 and the Orange/Seminole County line	2	These deputies in a two-person car, will patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. Will also escort the buses that are being used to pick-up the people stranded due to their disabled vehicles.

MANPOWER COUNT THIS ROUTE: - 6 DEPUTIES

NOTE: Seminole County's E.O.C. should be notified when this route is about to be activated. This will allow for Seminole County to prepare for the arrival of evacuees via this route.

Shelter Route Sign Activation Manual

Abbreviations:

**WB – West Bound
NB - North Bound
SR - State Road**

**EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn**

ANNEX # 50**EGRESS ROUTE****SR 417 (Greenway)**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
70	NB SR 417 @ Osceola County Line	1	Buckle Up	Straight	Previously Opened	Yes
71	NB SR 417 @ Town Loop Blvd Overpass	1	Buckle Up	Straight	Previously Opened	Yes
117	NB SR 417 south of the toll plaza, north of Landstar Blvd	1	Buckle Up	Straight	Previously Opened	Yes
118	NB SR 417 south of EB SR 528 off-ramp	1	Buckle Up	Straight	Previously Opened	Yes
53	NB SR 417 south of the EB SR 408 off-ramp	2	Buckle Up	Movable Straight	Yes	Yes
60	NB SR 417 south of SR 50 off-ramp	2	Buckle Up	Straight	Yes	Yes
61	NB SR 417 North of University Blvd. off-ramp	2	Buckle Up	Straight	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ORANGE COUNTY

Traffic Operations Manual for Coastal Evacuations Traffic Posts

North Florida Evacuation

ANNEX # 51

Wolf Lake Middle School
1725 W. Ponkan Rd.

Evacuee Capacity:
Host: Unk

Route: SB U.S. 441 (Lake County line) to EB W. Ponkan Rd. to school entrance

Post #	Location	# of D/S	Duties
1	US 441 from Lake County line to W.Ponkan Rd.	2	4 Deputies will work this stretch of US 441 in two, 2-person marked patrol units. The duties of these deputies will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
2	U.S. 441 @ Sadler Rd.	1	Control the traffic light with a traffic signal button. Priority given to south bound U.S. 441 traffic.
3	U.S. 441 @ Jones Av.	1	Control the traffic light with a traffic signal button. Priority given to south bound U.S. 441 traffic.
4	U.S. 441 @ W. Ponkan Rd.	2	Assist evacuation traffic in turning from south bound U.S. 441 onto east bound W. Ponkan Rd..
5	W. Ponkan Rd. @ Plymouth-Sorrento Rd.	1	Control the traffic light with a traffic signal button. Priority given to east bound W. Ponkan Rd. traffic.
6	W. Ponkan Rd. @ entrance to school	1	Monitor and if necessary assist evacuation traffic in turning from east bound W. Ponkan Rd. into the school entrance.

MANPOWER COUNT THIS ROUTE: - 8 DEPUTIES

MATERIAL COUNT THIS ROUTE: - 3 TRAFFIC SIGNAL CONTROL BUTTONS & SIGNAL BOX KEYS

ORANGE COUNTY

Traffic Operations Manual for Coastal Evacuations Shelter Route Sign Activation Manual

North Florida Evacuation

Abbreviations: **WB – West Bound** **EB – East Bound**
 NB - North Bound **SB - South Bound**
 SR - State Road **ADV - Advanced Warning of a Turn**

ANNEX # 51 Wolf Lake Middle School

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
59	SB US 441 @ Orange/Lake County line	1	Buckle Up	Straight	Yes	No
122	SB US 441 just prior to W. Ponkan Rd.	4	Buckle Up	Left	Yes	Yes
123	W. Ponkan Rd. @ school entrance	6	9-1-1	Left	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 52

Evans High School
4949 Silver Star Rd.

Evacuee Capacity: 756
Host: 562

Route # 1: WB I-4 (Seminole county line) to WB SR 408 to NB Pine Hills Rd. to School Entrance

Route # 2: SB US 19-92 (Seminole county line) to WB SR 414 (Maitland Blvd.) to WB I-4 to WB SR 408 to NB Pine Hills Rd. to School Entrance

Post #	Location	# of D/S	Duties
1	US 17-92 & SR 414	* 3	Monitor and if necessary assist evacuation traffic as it enters the on-ramp to west bound SR 414 from south bound US 17-92. Monitor and if necessary assist evacuation traffic as it merges with west bound SR 414 from the on-ramp from south bound US 17-92.
2	SR 414 @ Maitland Av.	* 1	Control the traffic light with a traffic signal control button. Priority given to west bound SR 414 traffic.
3	SR 414 @ on-ramp to WB I-4	* 2	Control the traffic light at SR 414 and the on ramp to EB I-4 with a traffic signal control button. Priority given to west bound SR 414 evacuation traffic. Monitor and if necessary assist evacuation traffic in exiting from west bound SR 414 onto the on-ramp to west bound I-4.
4	I-4 from Fairbanks Av. to Seminole County	2	2 Deputies in a two-person car, will patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. Will also escort the buses that are being used to pick-up the people stranded due to their disabled vehicles.
5	I-4 from SR 408 to Fairbanks Av.	** 4	4 Officers will work this stretch of I-4 in two, 2-person marked patrol units. The duties of these officers will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
6	I-4 & SR 408	** 3	Monitor and if necessary assist evacuation traffic as it exits onto the SR 408 on-ramp from west bound I-4. One Officer will be at the SR 408 on-ramp leading from I-4 east bound. This ramp will be closed. 25 Barricades will be required at this location to close the SR 408 on-ramp leading from I-4 east bound.
7	SR 408 from John Young Pkwy. To Pine Hills Rd.	2	2 Deputies will work this stretch of SR 408 in a 2-person marked patrol unit. The duties of these deputies will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
8	SR 408 & Pine Hills Rd.	3	Monitor, and if necessary assist evacuation traffic exiting onto the Pine Hills Rd. off-ramp. Direct evacuation traffic coming off the off-ramp onto north bound Pine Hills Rd. 15 Barricades will be required at this location to close off the north bound Pine Hills Rd. lane onto which the evacuation traffic will be turning.
9	Pine Hills Rd. & West SR 50	1	Control the traffic light with a traffic signal control button. Priority given to north bound Pine Hills Rd. traffic.
10	Pine Hills Rd. & Balboa Dr.	1	Control the traffic light with a traffic signal control button. Priority given to north bound Pine Hills Rd. traffic.
11	Pine Hills Rd. & Hernandez Dr.	1	Control the traffic light with a traffic signal control button. Priority given to north bound Pine Hills Rd. traffic.
12	Pine Hills Rd. & Silver Star Rd.	1	Control the traffic light with a traffic signal control button. Priority given to north bound Pine Hills Rd. evacuation traffic turning east onto Silver Star Rd
13	Silver Star Rd. & School Entrance	2	Control the traffic light with a traffic signal control button. Priority given to east bound Silver Star Rd. evacuation traffic turning into the schools south entrance.

MANPOWER COUNT THIS ROUTE:

- 13 DEPUTIES

* - 6 MAITLAND POLICE DEPARTMENT OFFICERS

** - 7 ORLANDO POLICE DEPARTMENT OFFICERS

MATERIAL COUNT THIS ROUTE:

- 7 TRAFFIC SIGNAL CONTROL BUTTONS

SIGNAL BOX KEYS

- 40 TRAFFIC BARRICADES

Shelter Route Sign Activation Manual

Abbreviations:

NB - North Bound
S.R. - State Road

WB - West Bound
EB - East
Bound
SB - South Bound
ADV - Advanced Warning of a Turn

ANNEX # 52

Evans High School

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
180	SB US 17-92 east of on ramp to WB SR 414	1	Buckle Up	Right	Yes	No
181	WB SR 414 east of WB I-4 on-ramp	3	Buckle Up	Right	Yes	No
182	WB I-4 @ SR 414	FHP	Buckle Up	Straight	Yes	No
	WB I - 4 @ Par Av.	VMB at this location that could be utilized. (Direct shelter traffic to exit at SR 408)				
183 & 184	WB I-4 east of SR 408 off-ramp	6	Buckle Up	Right	Yes	No
170	SR 408 on-ramp at ramp split for WB or EB SR 408	6	Buckle Up	Left	Yes	No
	WB SR 408 east of US 441 / S. Orange Blossom Trl.	VMB at this location that could be utilized. (Direct shelter traffic to exit at Pine Hills Rd.)				
172	WB SR 408 east of Pine Hills Rd. Toll Plaza off-ramp	7	Buckle Up	Right	Yes	Yes
173	Pine Hills Rd @ bottom of off-ramp from WB SR 408	8	Buckle Up	Right	Yes	Yes
174	NB Pine Hills Rd @ SR 50	9	9-1-1	Straight	Yes	Yes
175	NB Pine Hills Rd @ Silver Star Rd	12	9-1-1	Right	Yes	Yes
161	EB Silver Star Rd. @ School Entrance	13	Buckle Up	Left	Yes	Yes

Sign directions along I-4 will be implemented by use of "in place" electronic variable message signs.

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 53 NOT IN USE

Shelter Route Sign Activation Manual

Abbreviations:	WB – West Bound	EB – East Bound
	NB - North Bound	SB - South Bound
	SR - State Road	ADV - Advanced Warning of a Turn

ANNEX # 53 NOT IN USE

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 54

**Discovery Middle School
601 Woodbury Rd.**

**Evacuee Capacity:
Host: 618**

Route: SB SR 417 (Seminole county line) to EB SR 408 to SB Rouse Rd. to EB Lake Underhill Rd. to SB Woodbury Dr. to School Entrance

Post #	Location	# of D/S	Duties
1	SR 417 from Orange/Seminole County Line to Rouse Rd off-ramp on SR 408	2	2 Deputies will work this stretch of SR 417 and SR 408 in a 2-person marked patrol unit. The duties of these deputies will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
2	SR 417 & off-ramp to west bound SR 408	2	Monitor and if necessary assist evacuation traffic as it continues south bound on SR 417.
3	SR 417 & off-ramp to east bound SR 408	2	Monitor and if necessary assist evacuation traffic as it exits onto the off-ramp leading from the SR 417 onto east bound SR 408
4	SR 408 & Rouse Rd.	3	Monitor and if necessary assist evacuation traffic as it exits onto the Rouse Rd. off-ramp from east bound SR 408. Control the traffic light at Rouse Rd. and the east bound SR 408. off-ramp with a traffic signal control button. Priority given to traffic turning south bound onto Rouse Rd. from the SR 408 off-ramp.
5	Rouse Rd. @ Lake Underhill Rd.	1	Control the traffic light with a traffic signal button. Priority given to south bound Rouse Rd. traffic turning onto east bound Lake Underhill Rd.
6	Lake Underhill Rd. @ Legacy MS	1	Control the traffic light with a traffic signal button. Priority given to east bound Lake Underhill Rd. traffic.
7	Lake Underhill Rd. @ Huckleberry Finn Dr.	1	Control the traffic light with a traffic signal button. Priority given to east bound Lake Underhill Rd. traffic.
8	Lake Underhill Rd. @ Alafaya Trl.	1	Control the traffic light with a traffic signal button. Priority given to east bound Lake Underhill Rd. traffic.
9	Lake Underhill Rd. @ Mark Twain Blvd	1	Control the traffic light with a traffic signal button. Priority given to east bound Lake Underhill Rd. traffic.
10	Lake Underhill Rd. @ Woodbury Rd.	1	Control the traffic light with a traffic signal button. Priority given to east bound Lake Underhill Rd. traffic turning south bound onto Woodbury Rd.
11	Woodbury Rd. @ School Entrance	1	Assist evacuation traffic in turning into the school entrance from south bound Woodbury Rd.

MANPOWER COUNT THIS ROUTE: - 16 DEPUTIES

MATERIAL COUNT THIS ROUTE: - 7 TRAFFIC SIGNAL CONTROL BUTTONS

- 7 TRAFFIC SIGNAL BOX KEYS

Shelter Route Sign Activation Manual

Abbreviations:

**WB – West Bound
NB - North Bound
SR - State Road**

**EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn**

ANNEX # 54**Discovery Middle School**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
97	SB SR 417 north of University Blvd off-ramp	1	Buckle Up	Straight	Previously Opened	No
98	SB SR 417 north of SR 50 off-ramp	1	Buckle Up	Straight	Previously Opened	No
99	SB SR 417 north of WB SR 408 off-ramp	2	Buckle Up	Right	Previously Opened	No
100	SB SR 417 north of the EB SR 408 off-ramp	3	Buckle Up	Movable Right	Previously Opened	No
103	EB SR 408 west of the Rouse Rd. off-ramp	4	Buckle Up	Right	Previously Opened	Yes
119	Rouse Rd. @ bottom of off-ramp from EB SR 408	4	Buckle Up	Right	Previously Opened	Yes
91	SB Rouse Rd. north of Lake Underhill Rd.	5	9-1-1	Left	Previously Opened	Yes
92	EB Lake Underhill Rd. west of Alafaya Trl.	8	9-1-1	Straight	Yes	Yes
93	EB Lake Underhill Rd. west of Woodbury Rd.	10	9-1-1	Right	Yes	Yes
94	SB Woodbury Rd. @ School Entrance	11	9-1-1	Left	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 55**EGRESS ROUTE****SOUTH BOUND US 441**

Route: SB U.S. 441 (Lake County line) to SB SR 429 to SR 50 to SB Fl. Turnpike to Osceola County

NOTE: When Ocoee High School has reached its maximum capacity of evacuees, evacuation traffic will be directed to south bound SR 429.

NOTE: When this route is activated evacuation traffic will be merged in with the traffic evacuating along the south bound Florida Turnpike. (Annex #s 53, 57, 60, 63)

Post #	Location	# of D/S	Duties
1	US 441 from Lake County line to Apopka City limits	4	4 Deputies will work this stretch of US 441 in two, 2-person marked patrol units. The duties of these deputies will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
2	US 441 @ Sadler Rd.	1	Control the traffic light with a traffic signal button. Priority given to south bound US 441 traffic.
3	US 441 @ Jones Av.	1	Control the traffic light with a traffic signal button. Priority given to south bound US 441 traffic.
4	US 441 @ Spillman Dr.	1	Control the traffic light with a traffic signal button. Priority given to south bound US 441 traffic.
5	US 441 @ CR 437	1	Control the traffic light with a traffic signal button. Priority given to south bound US 441 traffic.
6	US 441 @ Plymouth-Sorrento Rd.	1	Control the traffic light with a traffic signal button. Priority given to south bound US 441 traffic.
7	US 441 @ Boy Scout Blvd.	1	Control the traffic light with a traffic signal button. Priority given to south bound US 441 traffic.
8	US 441 @ Errol Parkway	1	Control the traffic light with a traffic signal button. Priority given to south bound US 441 traffic.
9	U.S. 441 @ Home Depot Entrance	* 1	Control the traffic light with a traffic signal button. Priority given to south bound U.S. 441 traffic.
10	US 441 @ SR 429	* 1	Control the traffic light with a traffic signal button. Priority given to south bound US 441 traffic turning onto SB SR 429.
11	SR 429 between US 441 to Florida Turnpike	2	2 Deputies will work this stretch of SR 429 in a 2-person marked patrol unit. The duties of these deputies will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.

MANPOWER ROUTE THIS ROUTE: - 13 DEPUTIES

*** - 2 APOPKA POLICE DEPARTMENT OFFICER**

MATERIAL COUNT THIS ROUTE: - 9 TRAFFIC SIGNAL CONTROL BUTTONS

- 9 TRAFFIC SIGNAL BOX KEYS

Shelter Route Sign Activation Manual

Abbreviations:

**WB – West Bound
NB - North Bound
SR - State Road**

**EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn**

ANNEX # 55

EGRESS ROUTE

US 441

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
59	SB US 441 @ Orange/Lake County line	1	Buckle Up	Straight	Previously Opened	Yes
120	SB US 441 @ Plymouth-Sorrento Rd	6	Buckle Up	Straight	Previously Opened	Yes
121	SB US 441 north of SR 429	8	Buckle Up	Movable Right	Previously Opened	Yes
124	SB SR 429 north of on-ramp from CR 437A	9	Buckle Up	Straight	Yes	Yes
164	SB SR 429 north of Fl. Turnpike on-ramp	12	Buckle Up	Right	Yes If Annex 57,60, or 63 are operating	Yes
189	Off-ramp to Fl. Turnpike from SB SR 429 prior to ramp split for north or south bound Fl. Turnpike	12	Buckle Up	Left	Yes If Annex 57,60, or 63 are operating	Yes

The correct sign number will be located in either the bottom left or right corner of the sign. Ignore any other numbers that may be found on the signpost.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 56

**Jones High School
801 S. Rio Grande Av.**

**Evacuee Capacity:
Host: 500**

Route # 1: WB I-4 (Seminole county line) to WB SR 408 to US 441 exit/WB Long St. to SB Rio Grande Av. to School Entrance

Route # 2: SB US 19-92 (Seminole county line) to WB SR 414 (Maitland Blvd.) to WB I-4 to WB SR 408 to US 441 exit/WB Long St. to SB Rio Grande Av. to School Entrance

Post #	Location	# of D/S	Duties
1	US 17-92 & SR 414	* 3	Monitor and if necessary assist evacuation traffic as it enters the on-ramp to west bound SR 414 from south bound US 17-92. Monitor and if necessary assist evacuation traffic as it merges with west bound SR 414 from the on-ramp from south bound US 17-92.
2	SR 414 @ Maitland Av.	* 1	Control the traffic light with a traffic signal control button. Priority given to west bound SR 414 traffic.
3	SR 414 @ on-ramp to WB I-4	* 2	Control the traffic light at SR 414 and the on ramp to EB I-4 with a traffic signal control button. Priority given to west bound SR 414 evacuation traffic. Monitor and if necessary assist evacuation traffic in exiting from west bound SR 414 onto the on-ramp to west bound I-4.
4	I-4 from Fairbanks Av. to Seminole County	2	2 Deputies in a two-person car, will patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. Will also escort the buses that are being used to pick-up the people stranded due to their disabled vehicles.
5	I-4 from SR 408 to Fairbanks Av.	** 4	4 Officers will work this stretch of I-4 in two, 2-person marked patrol units. The duties of these officers will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
6	I-4 & SR 408	** 3	Monitor and if necessary assist evacuation traffic as it exits onto the SR 408 on-ramp from west bound I-4. One Officer will be at the SR 408 on-ramp leading from I-4 east bound. This ramp will be closed. 25 Barricades will be required at this location to close the SR 408 on-ramp leading from I-4 east bound.
7	SR 408 & US 441/Long St.	** 3	Monitor and if necessary assist evacuation traffic as it exits onto the US 441/Long St. off-ramp from west bound SR 408. Control the traffic light at US 441 & Long St. with a traffic signal control button. Priority given to west bound Long St. traffic.
8	Long St. & Rio Grande Av.	** 2	Monitor and if necessary assist evacuation traffic in turning from west bound Long St. onto south bound Rio Grande Av.
9	SB Rio Grande Av. & School Entrance	** 2	Assist evacuation traffic in turning from south bound Rio Grande Av. into the school entrance.

MANPOWER COUNT THIS ROUTE: - 2 DEPUTIES

*** - 6 MAITLAND POLICE DEPARTMENT OFFICERS**

**** - 14 ORLANDO POLICE DEPARTMENT OFFICERS**

MATERIAL COUNT THIS ROUTE: - 3 TRAFFIC SIGNAL CONTROL BUTTONS AND SIGNAL BOX KEYS

- 25 TRAFFIC BARRICADES

Shelter Route Sign Activation Manual

Abbreviations:

**WB - West Bound
NB - North Bound
S.R. - State Road**

**EB - East Bound
SB - South Bound
ADV - Advanced Warning of a Turn**

ANNEX # 56

Jones High School

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
180	SB US 17-92 east of on ramp to WB SR 414	1	Buckle Up	Right	Previously Opened	No
181	WB SR 414 east of WB I-4 on-ramp	3	Buckle Up	Right	Previously Opened	No
182	WB I-4 @ SR 414	FHP	Buckle Up	Straight	Previously Opened	No
	WB I - 4 @ Par Av.	VMB at this location that could be utilized. (Direct shelter traffic to exit at SR 408)				
183 & 184	WB I-4 east of SR 408 off-ramp	6	Buckle Up	Right	Previously Opened	Yes
170	SR 408 on-ramp at ramp split for WB or EB SR 408	6	Buckle Up	Left	Previously Opened	Yes
	WB SR 408 east of US 441 / S. Orange Blossom Trl.	VMB at this location that could be utilized. (Direct shelter traffic to exit at U.S. 441 / South Orange Blossom Trail)				
177	WB Long St. west of Orange Blossom Trl.	7	9-1-1	Straight	Yes	Yes
178	WB Long St. east of Rio Grande Av.	8	9-1-1	Adv. Left	Yes	Yes
179	WB Long St. @ Rio Grande Av	8	9-1-1	Left	Yes	Yes
149	SB Rio Grande Av. @ School Entrance	9	9-1-1	Left	Yes	Yes

Sign directions along I-4 will be implemented by use of "in place" electronic variable message signs.

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

Shelter Route Sign Activation Manual

Abbreviations:	WB – West Bound	EB – east Bound
	NB - North Bound	SB - South Bound
	SR - State Road	ADV - Advanced Warning of a Turn

ANNEX # 57 **NOT IN USE**

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 58

**Legacy Middle School
11398 Lake Underhill Rd.**

**Evacuee Capacity:
Host: Unknown at Time of Report**

Route: SB SR 417 (Seminole county line) to EB SR 408 to SB Rouse Rd. to EB Lake Underhill Rd. to School Entrance

Post #	Location	# of D/S	Duties
1	SR 417 from Orange/Seminole County Line to Rouse Rd off-ramp on SR 408	2	2 Deputies will work this stretch of SR 417 and SR 408 in a 2-person marked patrol unit. The duties of these deputies will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
2	SR 417 & off-ramp to west bound SR 408	2	Monitor and if necessary assist evacuation traffic as it continues south bound on SR 417.
3	SR 417 & off-ramp to east bound SR 408	2	Monitor and if necessary assist evacuation traffic as it exits onto the off-ramp leading from the SR 417 onto east bound SR 408
4	SR 408 & Rouse Rd.	3	Monitor and if necessary assist evacuation traffic as it exits onto the Rouse Rd. off-ramp from east bound SR 408. Control the traffic light at Rouse Rd. and the east bound SR 408. off-ramp with a traffic signal control button. Priority given to traffic turning south bound onto Rouse Rd. from the SR 408 off-ramp.
5	Rouse Rd. @ Lake Underhill Rd.	1	Control the traffic light with a traffic signal button. Priority given to south bound Rouse Rd. traffic turning onto east bound Lake Underhill Rd.
6	Lake Underhill Rd. @ School Entrance	2	Control the traffic light with a traffic signal button. Priority given to east bound Lake Underhill Rd. evacuation traffic turning into the school entrance.

MANPOWER COUNT THIS ROUTE: - 12 DEPUTIES

MATERIAL COUNT THIS ROUTE: - 3 TRAFFIC SIGNAL CONTROL BUTTONS

- 3 TRAFFIC SIGNAL BOX KEYS

Shelter Route Sign Activation Manual

Abbreviations:

**WB – West Bound
NB - North Bound
SR - State Road**

**EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn**

ANNEX # 58**Legacy Middle School**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
97	SB SR 417 north of University Blvd off-ramp	1	Buckle Up	Straight	Yes	No
98	SB SR 417 north of SR 50 off-ramp	1	Buckle Up	Straight	Yes	No
99	SB SR 417 north of WB SR 408 off-ramp	2	Buckle Up	Right	Yes	No
100	SB SR 417 north of the EB SR 408 off-ramp	3	Buckle Up	Movable Right	Yes	No
103	EB SR 408 west of the Rouse Rd. off-ramp	4	Buckle Up	Right	Yes	No
119	Rouse Rd. @ bottom of off-ramp from EB SR 408	4	Buckle Up	Right	Yes	No
91	SB Rouse Rd. north of Lake Underhill Rd.	5	9-1-1	Left	Yes	No
38	Lake Underhill Rd. west of the School Entrance	6	9-1-1	Right	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 59

**Dr. Phillips High School
6500 Turkey Lake Rd.**

**Evacuee Capacity: 710
Host: 851**

Route # 1: WB I-4 (Seminole county line) to WB Sand Lake Rd. to NB Turkey Lake Rd. to School Entrance

Route # 2: SB US 19-92 (Seminole county line) to WB SR 414 (Maitland Blvd.) to WB I-4 to WB Sand Lake Rd. to NB Turkey Lake Rd. to School Entrance

Post #	Location	# of D/S	Duties
1	US 17-92 & SR 414	* 3	Monitor and if necessary assist evacuation traffic as it enters the on-ramp to west bound SR 414 from south bound US 17-92. Monitor and if necessary assist evacuation traffic as it merges with west bound SR 414 from the on-ramp from south bound US 17-92.
2	SR 414 @ Maitland Av.	* 1	Control the traffic light with a traffic signal control button. Priority given to west bound SR 414 traffic.
3	SR 414 @ on-ramp to WB I-4	* 2	Control the traffic light at SR 414 and the on ramp to EB I-4 with a traffic signal control button. Priority given to west bound SR 414 evacuation traffic. Monitor and if necessary assist evacuation traffic in exiting from west bound SR 414 onto the on-ramp to west bound I-4.
4	I-4 from Fairbanks Av. to Seminole County	2	2 Deputies in a two-person car, will patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. Will also escort the buses that are being used to pick-up the people stranded due to their disabled vehicles.
5	I-4 from Fairbanks Av. to Universal Blvd.	** 4	4 Officers will work this stretch of I-4 in two, 2-person marked patrol units. The duties of these officers will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
6	WB I-4 off-ramp @ Sand Lake Rd	1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic exiting from west bound I-4 and turning west bound onto Sand Lake Rd.
7	Sand Lake Rd. & Turkey Lake Rd.	2	Control the traffic light with a traffic signal control button. Priority given to west bound Sand Lake Rd. traffic. Monitor and if necessary assist evacuation traffic in turning from west bound Sand Lake Rd. onto north bound Turkey Lake Rd.
8	Turkey Lake Rd. & Wallace Rd.	** 1	Control the traffic light with a traffic signal control button. Priority given to north bound Turkey Lake Rd. traffic.
9	Turkey Lake Rd. & Panther Way	** 1	Control the traffic light with a traffic signal control button. Priority given to north bound Turkey Lake Rd. traffic.
10	Turkey Lake Rd. & Paw St.	** 3	Control the traffic light with a traffic signal control button. Priority will be given to north bound Turkey Lake Rd. evacuation traffic turning into the school entrance. Monitor and if necessary assist evacuation traffic in turning from north bound Turkey Lake Rd. into the school entrance at Paw St.

MANPOWER COUNT THIS ROUTE: - 5 DEPUTIES

*** - 6 MAITLAND POLICE DEPARTMENT OFFICERS**

**** - 9 ORLANDO POLICE DEPARTMENT OFFICERS**

MATERIAL COUNT THIS ROUTE: - 7 TRAFFIC SIGNAL CONTROL BUTTONS

- 7 TRAFFIC SIGNAL BOX KEYS

Shelter Route Sign Activation Manual

Abbreviations:

**WB - West Bound
NB - North Bound
S.R. - State Road**

**EB - East Bound
SB - South Bound
ADV - Advanced Warning of a Turn**

Annex # 59**Dr. Phillips High School**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
180	SB US 17-92 east of on ramp to WB SR 414	1	Buckle Up	Right	Previously Opened	No
181	WB SR 414 east of WB I-4 on-ramp	3	Buckle Up	Right	Previously Opened	No
182	WB I-4 @ SR 414	FHP	Buckle Up	Straight	Previously Opened	No
	WB I - 4 @ Par Av.	VMB at this location that could be utilized. (Direct shelter traffic to stay on I - 4)				
	WB I - 4 @ Kaley St.	VMB at this location that could be utilized. (Direct shelter traffic to stay on I - 4)				
	WB I - 4 east of John Young Pkwy	VMB at this location that could be utilized. (Direct shelter traffic to exit at Sand Lake Rd.)				
	WB I - 4 @ Florida Turnpike	VMB at this location that could be utilized. (Direct shelter traffic to exit at Sand Lake Rd.)				
144	WB I-4 prior to Sand Lake Rd. Exit	6	Buckle Up	Right	Yes	No
40	Sand Lake Rd. off-ramp just prior to Sand Lake Rd.	6	Buckle Up	Right	Yes	No
31	WB Sand Lake Rd. @ Turkey Lake Rd.	7	Buckle Up	Right	Yes	Yes
32	NB Turkey Lake Rd. south of Paw St.	10	9-1-1	Left	Yes	Yes

Sign directions along I-4 will be implemented by use of "in place" electronic variable message signs.

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 60 **NOT IN USE**

Shelter Route Sign Activation Manual

Abbreviations:	WB – West Bound	EB – East Bound
	NB - North Bound	SB - South Bound
	SR - State Road	
		ADV - Advanced Warning of a Turn

ANNEX # 60 **NOT IN USE**

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 61**University of Central Florida
4000 Central Florida Blvd.****Evacuee Capacity:
Host: 2,075****Route: SB SR 417 (Greenway) (Seminole county line) to EB SR 408 to NB Alafaya Trl. to EB Gemini Blvd.
North/School
Entrance**

Post #	Location	# of D/S	Duties
1	SR 417 from Orange/Seminole County Line to Alafaya Trl off-ramp on SR 408	2	2 Deputies will work this stretch of SR 417 and SR 408 in a 2-person marked patrol unit. The duties of these deputies will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
2	SR 417 & off-ramp to west bound SR 408	2	Monitor and if necessary assist evacuation traffic as it continues south bound on SR 417.
3	SR 417 & off-ramp to east bound SR 408	2	Monitor and if necessary assist evacuation traffic as it exits onto the off-ramp leading from the SR 417 onto east bound SR 408
4	SR 408 & Alafaya Trl.	3	Monitor and if necessary assist evacuation traffic as it exits onto the Alafaya Trl. off-ramp from east bound SR 408. Control the traffic light at Alafaya Trl. and the east bound SR 408 off-ramp with a traffic signal control button. Priority given to traffic turning north bound onto Alafaya Trl. from the East-West off-ramp.
5	Alafaya Trl @ Waterford Lakes Ctr	1	Control the traffic light with a traffic signal button. Priority given to north bound Alafaya Trl. traffic.
6	Alafaya Trl. @ Waterford Lakes Town Center Blvd	1	Control the traffic light with a traffic signal button. Priority given to north bound Alafaya Trl. traffic.
7	Alafaya Trl. @ Waterford Lakes Pk	1	Control the traffic light with a traffic signal button. Priority given to north bound Alafaya Trl. traffic.
8	East SR 50 & Alafaya Trl.	1	Control the traffic light with a traffic signal button. Priority given to north bound Alafaya Trl. traffic.
9	Alafaya Trl. & Challenger Dr.	1	Control the traffic light with a traffic signal button. Priority given to north bound Alafaya Trl. traffic. Depending on the time of day this light could be put on flash and not manned.
10	Alafaya Trl. & Lokanotosa Trl	1	Control the traffic light with a traffic signal button. Priority given to north bound Alafaya Trl. traffic.
11	Alafaya Trl. & Research Pkwy	1	Control the traffic light with a traffic signal button. Priority given to north bound Alafaya Trl. traffic.
12	Alafaya Trl. & Central Florida Blvd	1	Control the traffic light with a traffic signal button. Priority given to north bound Alafaya Trl. traffic.
13	Alafaya Trl. & University Blvd	* 1	Control the traffic light with a traffic signal button. Priority given to north bound Alafaya Trl. traffic.
14	Alafaya Trl. & Centaurus Dr	* 1	Control the traffic light with a traffic signal button. Priority given to north bound Alafaya Trl. traffic.
15	Alafaya Trl. & Gemini Blvd. N.	* 1	Control the traffic light with a traffic signal button. Priority given to north bound Alafaya Trl. traffic turning east bound onto Gemini Blvd. N.

MANPOWER COUNT THIS ROUTE: - 17 DEPUTIES
*- 3 U.C.F. POLICE OFFICERS

MATERIAL COUNT THIS ROUTE: - 12 TRAFFIC SIGNAL CONTROL BUTTONS
- 12 TRAFFIC SIGNAL BOX KEYS

Shelter Route Sign Activation Manual

Abbreviations:

WB – West Bound
NB - North Bound
SR - State Road

EB – East Bound
SB - South Bound

ADV - Advanced Warning of a Turn

Annex # 61

University of Central Florida

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
97	SB SR 417 north of University Blvd off-ramp	1	Buckle Up	Straight	Previously Opened	No
98	SB SR 417 north of SR 50 off-ramp	1	Buckle Up	Straight	Previously Opened	No
99	SB SR 417 north of WB SR 408 off-ramp	2	Buckle Up	Right	Previously Opened	No
100	SB SR 417 north of the EB SR 408 off-ramp	3	Buckle Up	Movable Right	Previously Opened	Change Arrow Direction to Straight
101	EB SR 408 west of the Alafaya Trl. off-ramp	4	Buckle Up	Right	Yes	Yes
102	Alafaya Trl. @ bottom of off-ramp from EB SR 408	4	Buckle Up	Movable Left	Yes	Yes
104	NB Alafaya Trl south of SR 50	7	Buckle Up	Straight	Yes	Yes
85	NB Alafaya Trl. @ University Blvd	12	Buckle Up	Straight	Yes	Yes
86	NB Alafaya Trl. south of Gemini Blvd. N.	15	Buckle Up	Right	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 62**Southwest Middle School
6450 Dr. Phillips Blvd.****Evacuee Capacity:
Host: 541****Route # 1: WB I-4 (Seminole county line) to WB Sand Lake Rd. to NB Dr. Phillips Blvd. to School Entrance****Route # 2: SB US 19-92 (Seminole county line) to WB SR 414 (Maitland Blvd.) to WB I-4 to WB Sand Lake Rd. to NB Dr. Phillips Blvd. to School Entrance**

Post #	Location	# of D/S	Duties
1	US 17-92 & SR 414	* 3	Monitor and if necessary assist evacuation traffic as it enters the on-ramp to west bound SR 414 from south bound US 17-92. Monitor and if necessary assist evacuation traffic as it merges with west bound SR 414 from the on-ramp from south bound US 17-92.
2	SR 414 @ Maitland Av.	* 1	Control the traffic light with a traffic signal control button. Priority given to west bound SR 414 traffic.
3	SR 414 @ on-ramp to WB I-4	* 2	Control the traffic light at SR 414 and the on ramp to EB I-4 with a traffic signal control button. Priority given to west bound SR 414 evacuation traffic. Monitor and if necessary assist evacuation traffic in exiting from west bound SR 414 onto the on-ramp to west bound I-4.
4	I-4 from Fairbanks Av. to Seminole County	2	2 Deputies in a two-person car will patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. Will also escort the buses that are being used to pick-up the people stranded due to their disabled vehicles.
5	I-4 from Fairbanks Av. to Universal Blvd.	** 4	4 Officers will work this stretch of I-4 in two, 2-person marked patrol units. The duties of these officers will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
6	WB I-4 off-ramp @ Sand Lake Rd	1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic exiting from west bound I-4 and turning west bound onto Sand Lake Rd.
7	Sand Lake Rd. & Turkey Lake Rd.	1	Control the traffic light with a traffic signal control button. Priority given to west bound Sand Lake Rd. traffic.
8	Sand Lake Rd. & Dr. Phillips Blvd.	2	Control the traffic light with a traffic signal control button. Priority given to west bound Sand Lake Rd. traffic. Monitor and if necessary assist evacuation traffic in turning from west bound Sand Lake Rd. onto north bound Dr. Phillips Blvd.
9	Dr. Phillips Blvd. & Della Dr.	1	Control the traffic light with a traffic signal control button. Priority given to north bound Dr. Phillips Blvd. traffic.
10	Dr. Phillips Blvd. & Wallace Rd.	1	Control the traffic light with a traffic signal control button. Priority given to north bound Dr. Phillips Blvd. traffic.
11	Dr. Phillips Blvd. & School Entrance	2	Control the traffic light with a traffic signal control button. Monitor and if necessary assist evacuation traffic in turning from north bound Dr. Phillips Blvd. into the school entrance. When this annex is closed down, place this light on flash.

MANPOWER COUNT THIS ROUTE: - 10 DEPUTIES*** - 6 MAITLAND POLICE DEPARTMENT OFFICERS****** - 4 ORLANDO POLICE DEPARTMENT OFFICERS****MATERIAL COUNT THIS ROUTE: - 8 TRAFFIC SIGNAL CONTROL BUTTONS****- 8 TRAFFIC SIGNAL BOX KEYS****Shelter Route Sign Activation Manual Abbreviations: WB - West Bound EB - East Bound NB - North Bound****SB -South Bound****S.R. - State Road****ADV - Advanced Warning of a Turn**

Annex # 62**Southwest Middle School**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
180	SB US 17-92 east of on ramp to WB SR 414	1	Buckle Up	Right	Previously Opened	No
181	WB SR 414 east of WB I-4 on-ramp	3	Buckle Up	Right	Previously Opened	No
182	WB I-4 @ SR 414	FHP	Buckle Up	Straight	Previously Opened	No
	WB I-4 @ Par Av.	VMB at this location that could be utilized. (Direct shelter traffic to stay on I-4)				
	WB I-4 @ Kaley St.	VMB at this location that could be utilized. (Direct shelter traffic to stay on I-4)				
	WB I-4 east of John Young Pkwy	VMB at this location that could be utilized. (Direct shelter traffic to exit at Sand Lake Rd.)				
	WB I-4 @ Florida Turnpike	VMB at this location that could be utilized. (Direct shelter traffic to exit at Sand Lake Rd.)				
144	WB I-4 prior to Sand Lake Rd. Exit	6	Buckle Up	Right	Previously Opened	No
40	Sand Lake Rd. off-ramp just prior to Sand Lake Rd.	6	Buckle Up	Right	Previously Opened	No
34	WB Sand Lake Rd. east of Dr. Phillips Blvd.	8	9-1-1	Right	Yes	No
35	NB Dr. Phillips Blvd. south of school entrance	11	9-1-1	Left	Yes	Yes

Sign directions along I-4 will be implemented by use of "in place" electronic variable message signs.

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 63**EGRESS ROUTE****SR 50/FL. TURNPIKE**

Route # 1: EB West SR 50 (Lake county line) to SB Florida Turnpike to Osceola County

Route # 2: SB Florida Turnpike (Lake county line) to Osceola County

Note: See Annex # 72 in reference to important FHP manning commitments.

NOTE: When Gotha Middle School has reached its maximum capacity of evacuees, evacuation traffic will be directed south bound into Osceola County via the Florida Turnpike.

Post #	Location	# of D/S	Duties
1	West SR 50 @ Deer Island Rd	*1	Control the traffic light with a traffic signal control button. Priority given to east bound West SR 50 traffic.
2	West SR 50 @ Remington Rd	*1	Control the traffic light with a traffic signal control button. Priority given to east bound West SR 50 traffic.
2	West SR 50 @ Fl. Turnpike (west side of the overpass)	* 1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic turning onto the south bound Florida Turnpike on-ramp from east bound West SR 50.

MANPOWER COUNT THIS ROUTE: *- 3 OAKLAND POLICE DEPARTMENT OFFICER

- FHP TROOPERS

MATERIAL COUNT THIS ROUTE: - 3 TRAFFIC SIGNAL CONTROL BUTTONS

- 3 TRAFFIC SIGNAL BOX KEYS

NOTE: Osceola County's E.O.C. should be advised when this route is about to be activated. This will allow Osceola County to prepare for the arrival of evacuees via this route.

Shelter Route Sign Activation Manual**Abbreviations:**

**WB – West Bound
NB - North Bound
SR - State Road**

**EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn**

ANNEX # 63

EGRESS ROUTE

SR 50/FL. TURNPIKE

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
134	SB Fl. Turnpike @ West Orange Trail overpass	FHP	Buckle Up	Straight	Previously Opened	Yes
127	EB S.R. 50 @ Deer Island Rd.	1	Buckle Up	Straight	Previously Opened	Yes
132	EB S.R. 50 @ on-ramp to SB Fl. Turnpike	2	Buckle Up	Movable Right	Previously Opened	Yes
	SB Fl. Turnpike north of SR 50 (Ocoee)	Per Turnpike FDOT they will utilize a VMB at this location to direct exiting.				
165	SB Fl Turnpike north of S.R. 408 on ramp	FHP	Buckle Up	Movable Straight	Yes	Yes
166	SB Fl Turnpike @ I-4	FHP	Buckle Up	Straight	Yes	Yes
167	SB Fl Turnpike @ U.S. 441	FHP	Buckle Up	Straight	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 64

**Liberty Middle School
3405 Chickasaw Trl.**

**Evacuee Capacity:
Host: 533**

Route: SB SR 417 (Greenway) (Seminole county line) to WB Curry Ford Rd. to SB Chickasaw Trl. to School Entrance

Post #	Location	# of D/S	Duties
1	SR 417 from Orange/Seminole County Line to Curry Ford Rd.	4	4 Deputies will work this stretch of SR 417 in 2-person marked patrol units. The duties of these deputies will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
2	SR 417 & off-ramp to west bound SR 408	2	Monitor and if necessary assist evacuation traffic as it continues south bound on SR 417.
3	SB SR 417 @ Curry Ford off-ramp	1	Monitor and if necessary assist evacuation traffic in exiting from SB SR 417 onto the Curry Ford off-ramp.
4	Bottom of Curry Ford off-ramp from SB SR 417 @ Curry Ford Rd.	2	Control the traffic light with a traffic signal button. Priority given to evacuation traffic turning WB onto Curry Ford Rd.
5	Curry Ford Rd. @ Econlockhatchee Trl.	1	Control the traffic light with a traffic signal button. Priority given to evacuation traffic traveling WB on Curry Ford Rd.
6	Curry Ford Rd. @ Chickasaw Trl.	1	Control the traffic light with a traffic signal button. Priority given to evacuation traffic turning onto SB Chickasaw Trl. from WB Curry Ford Rd.
7	Chickasaw Trl. @ School Entrance	1	Monitor and if necessary assist evacuation traffic in turning into the school entrance.

MANPOWER COUNT THIS ROUTE: - 12 DEPUTIES

MATERIAL COUNT THIS ROUTE: - 3 TRAFFIC SIGNAL CONTROL BUTTON

- 3 TRAFFIC SIGNAL BOX KEY

Shelter Route Sign Activation Manual

Abbreviations:

**WB – West Bound
NB - North Bound
SR - State Road**

**EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn**

Annex # 64**Liberty Middle School**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
97	SB SR 417 north of University Blvd off-ramp	1	Buckle Up	Straight	Previously Opened	No
98	SB SR 417 north of SR 50 off-ramp	1	Buckle Up	Straight	Previously Opened	No
99	SB SR 417 north of WB SR 408 off-ramp	2	Buckle Up	Right	Previously Opened	No
100	SB SR 417 north of the EB SR 408 off-ramp	1	Buckle Up	Movable Straight	Yes	No
185	SB SR 417 north of Curry Ford Rd. off-ramp	1	Buckle Up	Right	Yes	No
186	Bottom of Curry Ford Rd. off-ramp @ Curry Ford Rd.	4	Buckle Up	Right	Yes	No
48	WB Curry Ford Rd. @ Chickasaw Trl.	6	Buckle Up	Left	Yes	Yes
49	SB Chickasaw Trl. @ north school entrance	7	9-1-1	Left	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 65

**Ocoee High School
1925 Ocoee Crown Point Pkwy**

**Evacuee Capacity:
Host:**

Route: SB U.S. 441 (Lake County line) to SB SR 429 to WB West Rd to NB Ocoee Apopka Rd to WB Ocoee Crown Point Pkwy to School Entrance

Post #	Location	# of D/S	Duties
1	US 441 from Lake County line to Apopka City limits	4	4 Deputies will work this stretch of US 441 in two, 2-person marked patrol units. The duties of these deputies will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
2	US 441 @ Sadler Rd.	1	Control the traffic light with a traffic signal button. Priority given to south bound US 441 traffic.
3	US 441 @ Jones Av.	1	Control the traffic light with a traffic signal button. Priority given to south bound US 441 traffic.
4	US 441 @ Spillman Dr.	1	Control the traffic light with a traffic signal button. Priority given to south bound US 441 traffic.
5	US 441 @ CR 437	1	Control the traffic light with a traffic signal button. Priority given to south bound US 441 traffic.
6	US 441 @ Plymouth-Sorrento Rd.	1	Control the traffic light with a traffic signal button. Priority given to south bound US 441 traffic.
7	US 441 @ Boy Scout Blvd.	1	Control the traffic light with a traffic signal button. Priority given to south bound US 441 traffic.
8	US 441 @ Errol Parkway	1	Control the traffic light with a traffic signal button. Priority given to south bound US 441 traffic.
9	U.S. 441 @ Home Depot Entrance	* 1	Control the traffic light with a traffic signal button. Priority given to south bound U.S. 441 traffic.
10	US 441 @ SR 429	* 1	Control the traffic light with a traffic signal button. Priority given to south bound US 441 traffic turning onto SB SR 429.
11	SB SR 429 @ off-ramp to West Rd	** 2	One Deputy at the top of the off-ramp will monitor and if needed assist evacuation traffic as it exits SB SR 429 onto the West Rd off-ramp. One Deputy will control the traffic light with a traffic signal button at the bottom of the off-ramp at West Rd. Priority given to evacuation traffic turning WB onto West Rd.
12	Ocoee Crown Point Pkwy. @ School Entrance	**1	Monitor and if necessary assist evacuation traffic in turning into the school entrance.

MANPOWER COUNT THIS ROUTE: - 11 DEPUTIES

- * 2 APOPKA POLICE DEPARTMENT OFFICERS

- ** 3 OCOEE POLICE DEPARTMENT OFFICERS

MATERIAL COUNT THIS ROUTE: - 10 TRAFFIC SIGNAL CONTROL BUTTON

- 10 TRAFFIC SIGNAL BOX KEY

Shelter Route Sign Activation Manual

Abbreviations:

**WB – West Bound
NB - North Bound
SR - State Road**

**EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn**

ANNEX # 65

Ocoee High School

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
59	SB US 441 @ Orange/Lake County line	1	Buckle Up	Straight	Previously Opened	No
120	SB US 441 @ Plymouth-Sorrento Rd	6	Buckle Up	Straight	Previously Opened	No
121	SB US 441 north of SR 429	10	Buckle Up	Movable Right	Yes	No
133	SB SR 429 north of the West Rd. exit	11	Buckle Up	Right	Yes	Yes
162	Bottom of West Rd. off-ramp from SB SR 429	11	Buckle Up	Right	Yes	Yes
190	WB Ocoee Crown Point Pkwy @ School Entrance	14	9-1-1	Left	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 66

**Apopka High School
555 Martin St.**

**Evacuee Capacity: 759
Host:**

Route: SB U.S. 441 (Lake County line) to NB Errol Parkway to EB Old Dixie Hwy to NB Vick Rd to EB Martin St to School Entrance

Post #	Location	# of D/S	Duties
1	US 441 from Lake County line to Apopka City limits	4	4 Deputies will work this stretch of US 441 in two, 2-person marked patrol units. The duties of these deputies will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
2	US 441 @ Sadler Rd.	1	Control the traffic light with a traffic signal button. Priority given to south bound US 441 traffic.
3	US 441 @ Jones Av.	1	Control the traffic light with a traffic signal button. Priority given to south bound US 441 traffic.
4	US 441 @ Spillman Dr.	1	Control the traffic light with a traffic signal button. Priority given to south bound US 441 traffic.
5	US 441 @ CR 437	1	Control the traffic light with a traffic signal button. Priority given to south bound US 441 traffic.
6	US 441 @ Plymouth-Sorrento Rd.	1	Control the traffic light with a traffic signal button. Priority given to south bound US 441 traffic.
7	US 441 @ Boy Scout Blvd.	1	Control the traffic light with a traffic signal button. Priority given to south bound US 441 traffic.
8	US 441 @ Errol Parkway	* 2	Control the traffic light with a traffic signal button. Priority given to south bound US 441 traffic turning north onto Errol Parkway.
9	NB Errol Parkway @ Old Dixie Hwy.	* 1	Control the traffic light with a traffic signal button. Priority given to north bound Errol parkway turning east bound onto Old Dixie Hwy.
10	EB Old Dixie Hwy. @ Vick Rd.	* 1	Control the traffic light with a traffic signal button. Priority given to EB Old Dixie Hwy. traffic turning north bound on Vick Rd.
11	NB Vick Rd. @ Martin Street	* 1	Control the traffic light with a traffic signal button. Priority given to NB Vick Rd. turning east bound on Marin St.
12	EB Martin Street @ School Entrance	* 1	Monitor and if necessary assist evacuation traffic in turning into the school entrance.

MANPOWER COUNT THIS ROUTE: - 10 DEPUTIES

- * 6 APOPKA POLICE DEPARTMENT OFFICERS

MATERIAL COUNT THIS ROUTE: - 10 TRAFFIC SIGNAL CONTROL BUTTON

- 10 TRAFFIC SIGNAL BOX KEY

Shelter Route Sign Activation Manual

Abbreviations:

**WB – West Bound
NB - North Bound
SR - State Road**

**EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn**

ANNEX # 66**Apopka High School**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
59	SB US 441 @ Orange/Lake County line	1	Buckle Up	Straight	Previously Opened	No
120	SB US 441 @ Plymouth-Sorrento Rd	6	Buckle Up	Straight	Previously Opened	No
*	SB US 441 @ Errol Parkway		Buckle Up	Left		
*	NB Errol Parkway @ Old Dixie Hwy.		9-1-1	Right		
*	EB Old Dixie Hwy. @ Vick Rd.		9-1-1	Left		
*	NB Vick Rd. @ Martin Street		9-1-1	Right		
*	EB Martin Street @ School Entrance		9-1-1	Right		

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

* Denotes a new route for which signs are not in place yet.

ANNEX #67 Valencia Community College (East Campus)
701 N. Econlockhatchee Trl

Evacuee Capacity:
Host: 699

Route: SB SR 417 (Greenway) (Seminole county line) to WB Curry Ford Rd. to NB Econlockhatchee Trl. to School Entrance

Post #	Location	# of D/S	Duties
1	SR 417 from Orange/Seminole County Line to Curry Ford Rd.	4	4 Deputies will work this stretch of SR 417 in 2-person marked patrol units. The duties of these deputies will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
2	SR 417 & off-ramp to west bound SR 408	2	Monitor and if necessary assist evacuation traffic as it continues south bound on SR 417.
3	SB SR 417 @ Curry Ford off-ramp	1	Monitor and if necessary assist evacuation traffic in exiting from SB SR 417 onto the Curry Ford off-ramp.
4	Bottom of Curry Ford off-ramp from SB SR 417 @ Curry Ford Rd.	2	Control the traffic light with a traffic signal button. Priority given to evacuation traffic turning WB onto Curry Ford Rd.
5	Curry Ford Rd. @ Econlockhatchee Trl.	1	Control the traffic light with a traffic signal button. Priority given to evacuation traffic turning NB onto Econlockhatchee Trl.
6	Econlockhatchee Trl. @ Lake Underhill Rd.	1	Control the traffic light with a traffic signal button. Priority given to evacuation traffic proceeding north bound on Econlockhatchee Trl.
7	Econlockhatchee Trl. @ Valencia College Ln.	3	Control the traffic light with a traffic signal button. Priority given to evacuation traffic proceeding north bound on Econlockhatchee Trl. turning into Valencia Community College. Assist traffic entering the parking lot.

MANPOWER COUNT THIS ROUTE: - 14 DEPUTIES

MATERIAL COUNT THIS ROUTE: - 4 TRAFFIC SIGNAL CONTROL BUTTONS

- 4 TRAFFIC SIGNAL BOX KEYS

Shelter Route Sign Activation Manual

Abbreviations:

WB – West Bound
NB - North Bound
SR - State Road

EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn

Annex # 67**Valencia Community College (East Campus)**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
97	SB SR 417 north of University Blvd off-ramp	1	Buckle Up	Straight	Previously Opened	No
98	SB SR 417 north of SR 50 off-ramp	1	Buckle Up	Straight	Previously Opened	No
99	SB SR 417 north of WB SR 408 off-ramp	2	Buckle Up	Right	Previously Opened	No
100	SB SR 417 north of the EB SR 408 off-ramp	1	Buckle Up	Movable Straight	Previously Opened	No
185	SB SR 417 north of Curry Ford Rd. off-ramp	1	Buckle Up	Right	Previously Opened	Yes
186	Bottom of Curry Ford Rd. off-ramp @ Curry Ford Rd.	4	Buckle Up	Right	Previously Opened	Yes
50	WB Curry Ford Rd. east of Econlockhatchee Trl.	5	Buckle Up	Right	Yes	Yes
51	NB Econlockhatchee Trl. @ Berry Dease Rd	6	9-1-1	Straight	Yes	Yes
52	NB Econlockhatchee Trl. south of Valencia College Ln.	7	9-1-1	Right	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 68**Chain of Lakes Middle School
8960 Conroy Windermere Rd****Evacuee Capacity:
Host: 663****Route # 1: WB I-4 (Seminole county line) to WB Sand Lake Rd. to NB Dr. Phillips Blvd. to WB Conroy Windermere Rd. to School Entrance****Route # 2: SB US 19-92 (Seminole county line) to WB SR 414 (Maitland Blvd.) to WB I-4 to WB Sand Lake Rd. to NB Dr. Phillips Blvd. to WB Conroy Windermere Rd. to School Entrance**

Post #	Location	# of D/S	Duties
1	US 17-92 & SR 414	* 3	Monitor and if necessary assist evacuation traffic as it enters the on-ramp to west bound SR 414 from south bound US 17-92. Monitor and if necessary assist evacuation traffic as it merges with west bound SR 414 from the on-ramp from south bound US 17-92.
2	SR 414 @ Maitland Av.	* 1	Control the traffic light with a traffic signal control button. Priority given to west bound SR 414 traffic.
3	SR 414 @ on-ramp to WB I-4	* 2	Control the traffic light at SR 414 and the on ramp to EB I-4 with a traffic signal control button. Priority given to west bound SR 414 evacuation traffic. Monitor and if necessary assist evacuation traffic in exiting from west bound SR 414 onto the on-ramp to west bound I-4.
4	I-4 from Fairbanks Av. to Seminole County	2	2 Deputies in a two-person car will patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. Will also escort the buses that are being used to pick-up the people stranded due to their disabled vehicles.
5	I-4 from Fairbanks Av. to Universal Blvd.	** 4	4 Officers will work this stretch of I-4 in two, 2-person marked patrol units. The duties of these officers will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
6	WB I-4 off-ramp @ Sand Lake Rd	1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic exiting from west bound I-4 and turning west bound onto Sand Lake Rd.
7	Sand Lake Rd. & Turkey Lake Rd.	1	Control the traffic light with a traffic signal control button. Priority given to west bound Sand Lake Rd. traffic.
8	Sand Lake Rd. & Dr. Phillips Blvd.	2	Control the traffic light with a traffic signal control button. Priority given to west bound Sand Lake Rd. traffic. Monitor and if necessary assist evacuation traffic in turning from west bound Sand Lake Rd. onto north bound Dr. Phillips Blvd.
9	Dr. Phillips Blvd. & Della Dr.	1	Control the traffic light with a traffic signal control button. Priority given to north bound Dr. Phillips Blvd. traffic.
10	Dr. Phillips Blvd. & Wallace Rd.	1	Control the traffic light with a traffic signal control button. Priority given to north bound Dr. Phillips Blvd. traffic.
11	Dr. Phillips Blvd. & Pin Oak Dr.	1	Control the traffic light with a traffic signal control button. Priority given to north bound Dr. Phillips Blvd. traffic.
12	Dr. Phillips Blvd. & Conroy Windermere Rd.	2	Control the traffic light with a traffic signal control button. Monitor and if necessary assist evacuation traffic in turning from north bound Dr. Phillips Blvd. onto west bound Conroy Windermere Rd.
13	Conroy Windermere Rd. & Lincoln Av.	1	Control the traffic light with a traffic signal control button. Priority given to west bound Conroy Windermere Rd. evacuation traffic.
14	Conroy Windermere Rd. @ entrance to school	2	Control the traffic light with a traffic signal control button. Monitor and if necessary assist evacuation traffic in turning from west bound Conroy Windermere Rd. into the entrance to the school.

MANPOWER COUNT THIS ROUTE: 14 DEPUTIES, * 6 MAITLAND POLICE DEPARTMENT OFFICERS, ** 4 ORLANDO PD OFFICERS. MATERIAL COUNT THIS ROUTE: 11 TRAFFIC SIGNAL CONTROL BUTTONS & SIGNAL BOX KEYS

Shelter Route Sign Activation Manual

Abbreviations: **WB – West Bound** **EB – East Bound**
 NB - North Bound **SB - South Bound**
 SR - State Road **ADV - Advanced Warning of a Turn**

Annex # 68

Chain of Lakes Middle School

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
180	SB US 17-92 east of on ramp to WB SR 414	1	Buckle Up	Right	Previously Opened	No
181	WB SR 414 east of WB I-4 on-ramp	3	Buckle Up	Right	Previously Opened	No
182	WB I-4 @ SR 414	FHP	Buckle Up	Straight	Previously Opened	No
	WB I-4 @ Par Av.	VMB at this location that could be utilized. (Direct shelter traffic to stay on I-4)				
	WB I-4 @ Kaley St.	VMB at this location that could be utilized. (Direct shelter traffic to stay on I-4)				
	WB I-4 east of John Young Pkwy	VMB at this location that could be utilized. (Direct shelter traffic to exit at Sand Lake Rd.)				
	WB I-4 @ Florida Turnpike	VMB at this location that could be utilized. (Direct shelter traffic to exit at Sand Lake Rd.)				
144	WB I-4 prior to Sand Lake Rd. Exit	6	Buckle Up	Right	Previously Opened	Yes
40	Sand Lake Rd. off-ramp just prior to Sand Lake Rd.	6	Buckle Up	Right	Previously Opened	Yes
34	WB Sand Lake Rd. east of Dr. Phillips Blvd.	8	9-1-1	Right	Previously Opened	Yes
36	NB Dr. Phillips Blvd. @ Southwest Middle School Entrance	10	9-1-1	Straight	Previously Opened	Yes
37	NB Dr. Phillips Blvd. south of Conroy Windermere Rd.	12	9-1-1	Left	Previously Opened	Yes
39	WB Conroy Windermere Rd. east of the south entrance to the school	14	9-1-1	Left	Yes	Yes

Sign directions along I-4 will be implemented by use of “in place” electronic variable message signs.

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 69

**Odyssey Middle School
9290 Lee Vista Blvd.**

**Evacuee Capacity:
Host: 800**

Route: SB SR 417 (Greenway) (Seminole county line) to WB Lee Vista Blvd. to School Entrance

Post #	Location	# of D/S	Duties
1	SR 417 from Orange/Seminole County Line to Curry Ford Rd.	4	4 Deputies will work this stretch of SR 417 in 2-person marked patrol units. The duties of these deputies will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
2	SR 417 & off-ramp to west bound SR 408	2	Monitor and if necessary assist evacuation traffic as it continues south bound on SR 417.
3	SR 417 @ Lee Vista Blvd	* 3	One officer at the top of the off-ramp from SB SR 417 to Lee Vista Blvd. Monitor and if necessary assist evacuation traffic onto the off-ramp. Two officers at the bottom of the off-ramp to assist evacuation traffic in turning onto west bound Lee Vista Blvd.
4	Lee Vista Blvd at the east entrance to the school	* 1	Control the traffic light with a traffic signal control button. Priority given to west bound Lee Vista Blvd. traffic turning into the entrance to the school.

MANPOWER COUNT THIS ROUTE: - 6 DEPUTIES

*** - 4 ORLANDO POLICE DEPARTMENT OFFICERS**

Shelter Route Sign Activation Manual

Abbreviations:

**WB – West Bound
NB - North Bound
SR - State Road**

**EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn**

Annex # 69**Odyssey Middle School**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
97	SB SR 417 north of University Blvd off-ramp	1	Buckle Up	Straight	Previously Opened	No
98	SB SR 417 north of SR 50 off-ramp	1	Buckle Up	Straight	Previously Opened	No
99	SB SR 417 north of WB SR 408 off-ramp	2	Buckle Up	Right	Previously Opened	No
100	SB SR 417 north of the EB SR 408 off-ramp	1	Buckle Up	Movable Straight	Yes	No
187	SB SR 417 north of the Lee Vista Blvd exit	3	Buckle Up	Right	Yes	Yes
188	Bottom of off-ramp from SB SR 417 @ Lee Vista Blvd	3	Buckle Up	Right	Yes	Yes
45	WB Lee Vista Blvd east of the east entrance to the school	4	9-1-1	Left	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

Route: WB I-4 (Seminole county line) to Osceola County

NOTE: When Chain of Lakes Middle School has reached its maximum capacity of evacuees, evacuation traffic will be directed west bound on Interstate 4 into Osceola County.

Note: See Annex # 72 in reference to important FHP manning commitments.

Post #	Location	# of D/S	Duties
1	US 17-92 & SR 414	* 3	Monitor and if necessary assist evacuation traffic as it enters the on-ramp to west bound SR 414 from south bound US 17-92. Monitor and if necessary assist evacuation traffic as it merges with west bound SR 414 from the on-ramp from south bound US 17-92.
2	SR 414 @ Maitland Av.	* 1	Control the traffic light with a traffic signal control button. Priority given to west bound SR 414 traffic.
3	SR 414 @ on-ramp to WB I-4	* 2	Control the traffic light at SR 414 and the on ramp to EB I-4 with a traffic signal control button. Priority given to west bound SR 414 evacuation traffic. Monitor and if necessary assist evacuation traffic in exiting from west bound SR 414 onto the on-ramp to west bound I-4.
4	I-4 from Fairbanks Av. to Seminole County	2	2 Deputies in a two-person car will patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. Will also escort the buses that are being used to pick-up the people stranded due to their disabled vehicles.
5	I-4 from Fairbanks Av. to Universal Blvd.	** 4	4 Officers will work this stretch of I-4 in two, 2-person marked patrol units. The duties of these officers will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.
6	I-4 from Osceola county line to Universal Blvd.	FHP	Troopers will work this stretch of I-4 in two, 2-person marked patrol units. The duties of these troopers will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances.

MANPOWER COUNT THIS ROUTE: - 2 DEPUTIES

* - 6 MAITLAND POLICE DEPARTMENT OFFICERS

** - 4 ORLANDO POLICE DEPARTMENT OFFICERS

- FHP TROOPERS

MATERIAL COUNT THIS ROUTE: - 2 TRAFFIC SIGNAL CONTROL BUTTONS

- 2 TRAFFIC SIGNAL BOX KEYS

NOTE: Osceola County's E.O.C. should be advised when this route is about to be activated. This will allow for Osceola County to prepare for the arrival of evacuees via this route.

Shelter Route Sign Activation Manual

ANNEX # 70

EGRESS ROUTE

I-4

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
180	SB US 17-92 east of on ramp to WB SR 414	1	Buckle Up	Right	Previously Opened	Yes
181	WB SR 414 east of WB I-4 on-ramp	3	Buckle Up	Right	Previously Opened	Yes
182	WB I-4 @ SR 414	FHP	Buckle Up	Straight	Previously Opened	Yes
	WB I - 4 @ Par Av.	VMB at this location that could be utilized. (Direct shelter traffic to stay on I - 4)				
	WB I - 4 @ Kaley St.	VMB at this location that could be utilized. (Direct shelter traffic to stay on I - 4)				
	WB I - 4 east of John Young Pkwy	VMB at this location that could be utilized. (Direct shelter traffic to stay on I - 4)				
	WB I - 4 @ Florida Turnpike	VMB at this location that could be utilized. (Direct shelter traffic to stay on I - 4)				
	WB I - 4 east of SR 535	VMB at this location that could be utilized. (Direct shelter traffic to stay on I - 4)				

NOTE: Utilize all Electronic Message Signs located on WB I-4 between the Osceola and Seminole County lines.

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 71**EGRESS ROUTE****SR 417 (The Greenway)****Route: SB SR 417 (Seminole county line) to Osceola County****NOTE: When Odyssey Middle School has reached its maximum capacity of evacuees, evacuation traffic will be directed into Osceola County via SR 417.**

Post #	Location	# of D/S	Duties
1	Seminole/Orange County line south to SR 528	4	4 Deputies will work this stretch of SR 417 in two, 2-person marked patrol units. The duties of these deputies will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. Assist the Lynx buses in picking-up evacuees from disabled vehicles.
2	SR 528 south to the Orange/Osceola County line along SR 417	4	4 Deputies will work this stretch of SR 417 in two, 2-person marked patrol units. The duties of these deputies will be to patrol for the purpose of locating disabled vehicles, auto accidents, and disturbances. Assist the Lynx buses in picking-up evacuees from disabled vehicles.
3	Hwy. 417 & off-ramp to west bound SR 408	2	Monitor and if necessary assist evacuation traffic as it continues south bound on Hwy 417.

MANPOWER COUNT THIS ROUTE: - 10 DEPUTIES**NOTE: Osceola County's E.O.C. should be advised when this route is about to be activated. This will allow Osceola County to prepare for the arrival of evacuees via this route.****Shelter Route Sign Activation Manual****Abbreviations:****WB – West Bound
NB - North Bound
SR - State Road****EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn**

ANNEX # 71**EGRESS ROUTE****SR 417**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
97	SB Hwy 417 north of University Blvd off-ramp	1	Buckle Up	Straight	Previously Opened	Yes
98	SB Hwy 417 north of SR 50 off-ramp	1	Buckle Up	Straight	Previously Opened	Yes
99	SB Hwy 417 north of WB SR 408 off-ramp	3	Buckle Up	Right	Previously Opened	Yes
100	SB SR 417 north of the EB SR 408 off-ramp	1	Buckle Up	Movable Straight	Yes	No
113	SB SR 417 north of the off ramp to SR 528	1	Buckle Up	Straight	Yes	Yes
114	SB SR 417 north of Boggy Creek Rd	2	Buckle Up	Straight	Yes	Yes
115	SB SR 417 north of US 441	2	Buckle Up	Straight	Yes	Yes
116	SB SR 417 north of International Dr	2	Buckle Up	Straight	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 72

**Freedom Middle School
2850 Taft-Vineland Rd.**

**Evacuee Capacity:
Host: Unknown at Time of**

Report

Route: NB John Young Pkwy (Osceola county line) to EB Taft-Vineland Rd. to SB Grande lakes Blvd. to School Entrance

Post #	Location	# of D/S	Duties
1	John Young Pkwy & Hunters Creek Blvd.	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
2	John Young Pkwy. & S. Town Loop Blvd.	1	Control the traffic light with a traffic signal control button. Priority given to evacuation traffic proceeding north bound on John Young Pkwy.
3	John Young Pkwy. & Town Center Blvd.	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
4	John Young Pkwy. & SR 417 (south side of overpass)	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
5	John Young Pkwy. & N. Town Loop Blvd.	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
6	John Young Pkwy @ Deerfield Blvd	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
7	John Young Pkwy @ Menta St.	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
8	John Young Pkwy @ Whisper Lakes Blvd	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy traffic.
9	John Young Pkwy. @ Central Florida Pkwy.	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy. Traffic.
10	John Young Pkwy. @ Taft-Vineland Rd	1	Control the traffic light with a traffic signal control button. Priority given to north bound John Young Pkwy. Traffic turning east onto Taft-Vineland Rd.
11	Taft-Vineland Rd @ Grande Lakes Blvd.	1	Monitor and if necessary assist evacuation traffic in turning from east bound Taft-Vineland Rd. onto SB Grande Lakes Blvd.
12	Grande Lakes Blvd. @ School Entrance	2	Assist evacuation traffic in turning into the school parking lot.

MANPOWER COUNT THIS ROUTE: - 13 DEPUTIES

MATERIAL COUNT THIS ROUTE: - 10 TRAFFIC SIGNAL CONTROL BUTTONS

- 10 TRAFFIC SIGNAL BOX KEYS

Shelter Route Sign Activation Manual

Abbreviations:

**WB – West Bound
NB - North Bound
SR - State Road**

**EB – East Bound
SB - South Bound
ADV - Advanced Warning of a Turn**

ANNEX # 72**Freedom Middle School**

Sign #	Location	Post #	Sign Type	Arrow Direction	Sign Opened at Start of Annex	Sign Closed at the Completion of Annex
1	NB John Young Pkwy @ Orange/Osceola county line	1	9-1-1	Straight	Previously Opened	No
5	NB John Young Pkwy south of SR 417	4	9-1-1	Straight	Yes	No
6	NB John Young Pkwy @ Central Florida Pkwy	9	9-1-1	Straight	Yes	No
79	NB John Young Pkwy @ Taft-Vineland Rd.	10	9-1-1	Right	Yes	Yes
105	EB Taft-Vineland Rd west of Grande Lakes Blvd.	13	9-1-1	Right	Yes	Yes
33	SB Grande Lakes Blvd. north of School Entrance	13	9-1-1	Left	Yes	Yes

The correct sign number will be located in either the bottom left or right corner of the sign or on the sign post.

Signs that are shaded in gray indicate signs that were missing at the time of the current inventory. When this route is utilized, these gray shaded signs will be checked for in the event they have been placed since the inventory.

ANNEX # 72**Florida Highway Patrol Traffic Annex**

In a cooperative agreement, the Florida Highway Patrol has offered to provide troopers at specific traffic points during an evacuation. Generally, FHP is responsible for:

- All Florida Turnpike exits.
- All Interstate 4 exits from the Orange / Osceola county line to and including the Sand Lake Rd. exit.
- SR 50 at the SR 520 merge. (Manning based on need and/or availability)
- SR 520 from the Orange / Brevard county line to SR 528
- SR 528 from the Orange / Brevard county line to SR 417

It is understood that if Contra-Flow operations are initiated along Interstate 4 or SR 528, some of the above agreed upon locations may not have FHP coverage due to State Contra-Flow commitments.

Additional details on the Contra-Flow can be found at:
<http://www.one-way-florida.org/>

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**Multi Year Training and Exercise Plan
Training Needs**

Submitting County/Team: Orange			Tcounty/Team POC Name / Phone Number		Carlos Durden 407 836-9097						
Core Capability	Capability Gap	Assessment Tool	Training Goal	Target Audience	Mission Area	Validation Tool	Frequency	Course Number and Title	Funding Source	Outcome Level	Priorty
List Core Capability	List the portion of your assessment tool that cannot be fully implemented currently	List your gap analysis documentation here, such as EOP, CEMP, Annex, AAR, Laws and Statutes, MOU & MOA, SOP, UASI Strategy, COOP &	List goals, objectives and performance outcomes.	List by Discipline, Primary or Secondary	Prevention, Protection, Mitigation, Response, Recovery or All	Examples are EOP, CEMP, Exercise, Drill, etc.	I - Initial R - Refresher	Course Number and Title	List who will be funding the training. Is State, EMI, CDP, County, etc.	Outcome levels A - Awareness P - Performance M -	High, Medium or Low
Environmental Response/ Health and Safety	New Hires and staff need initial training on tactical first aid	EOP; Dept SOP pg 8	Train all personnel on giving first aid in a tactical environment, rapid treatment, and evacuation of casualties	LE, FD	Response	Exercise	I	Tactical Combat Casualty Care; WMD/HAZMAT for LE/First Responders	CDP	A, P, M	High
Public Information and Warning/Intelligence and Information Sharing	The Public Information Network has not tested their JIS/JIC plan to ensure all methods are effective/ Lack of consistent connectivity and JIC planning regionally	JIS/JIC Plan AAR Regional JIC Exercise	Train all Public Information staff from any discipline to disseminate the same message during any hazard, or incident and ensure the plan is efficient.	Public Information Network	All	Exercise	R	G-191 G-289 G-290 G-291 FL-390 MGT-318	State	P,M	High
Operational Coordination	Disciplines lack the ability to effectively utilize unified command in the field and respond congruently in Hazmat,WMD, and Radiological threats	AAR	Ensure personnel are trained to competency on Unified Command, and response efforts during any hazardous material/terrorism incident	LE, FD, Health Dept, County EM Planners	All	Exercise	I,R	G-300 G-400 G-319 G-357 L-950 Hazmat Operations/ WMD / Radiological Response / Hazard Assessment & Response Management for	County EOC State CDP	A,P, M	High

Submitting County:

Submitting County:

[illegible]

2nd Year Training / Exercise Calendar

County:													
Year:													
Organization/Dicipline		1st Quarter			2nd Quarter			3rd Quarter			4th Quarter		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
EMS	Training												
	Exercise												
Fire	Training		L954 Safety Officer (SOFR) on an All-Hazards Incident Management Team (AHIMT)								L960 NIMS ICS All-Hazard Division & Group Supervisor		
	Exercise												
EM	Training		G300		EM900G	G400	EM900G	G300	EM106G		G400		
				G191	EM601G	EM604G		L-962-NIMS ICS AHIMT Planning Section Chief		G191			
					EM602G	EM605G							
					EM603G	EM606G							
					EM604G								
	Exercise						Orange County Hurricane Exercise	COOP					
LE	Training					LE ESF 16							
	Exercise												
PW	Training												
	Exercise												
Utilities	Training												
	Exercise												
Volunteers	Training			EM200G	EM100G	EM100G	EM100G	EM100G	EM107G				
					EM200G	EM200G	EM200G	EM200G					
						EM400G	EM400G	EM400G					
						EM400G							
						POD Exercise							
	Exercise												
Hospitals	Training												
	Exercise											Strategic Nation Wide Exercise	
Colleges/Schools	Training	G-288		NDCP MGT 361 Managing Critical Incidents for Higher Education Institutions: A Multi-Disciplinary Community Approach					MGT-440 Enhanced Sports and Special Events Incident Management				
	Training			UCF PD Active Shooter Exercise									
	Exercise			Regional		UCF HURREX			UCF ATHLETICS EX			SSC Ex	

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