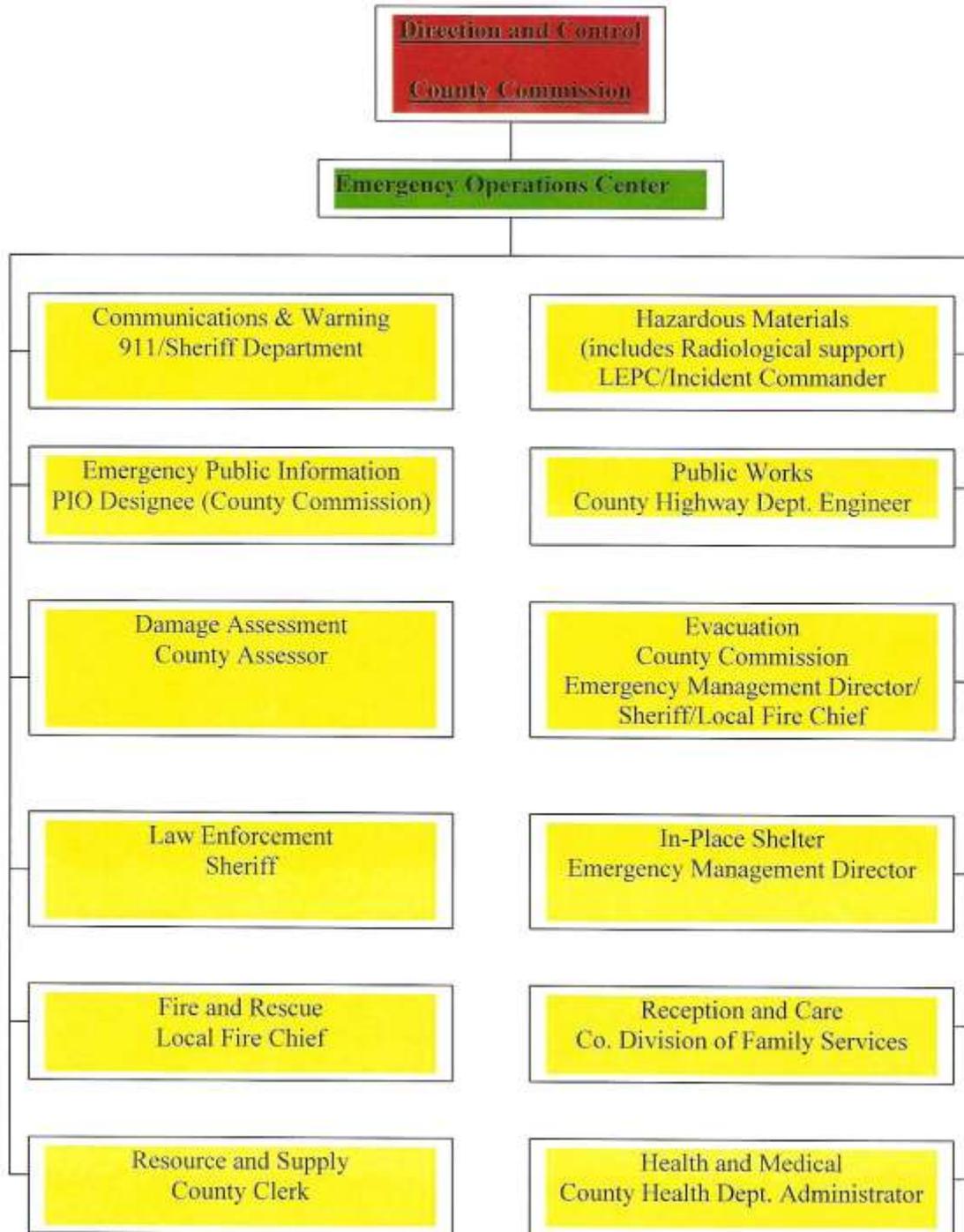

SECTION 3**CITY/COUNTY CAPABILITY ASSESSMENT NEW MADRID COUNTY****MITIGATION MANAGEMENT POLICIES**

Section 3 is an update from the approved New Madrid County 2004 Plan. Specific updates include new information on population changes and an updated chart showing changes in city and county regulations. The New Madrid County Sheriff's department and the city of New Madrid have had personnel changes within their respective departments as well as fire departments.

The Presiding Commissioner of New Madrid County or the mayor in each municipality is responsible for all emergency management and mitigation activities. The chief elected officials will implement this plan and direct emergency responses within their jurisdictions. The Emergency Management Director is responsible for implementing on a daily basis all emergency management and mitigation activities. The Emergency Management Director will:

- a. advise county officials on mitigation matters.
- b. brief appropriate officials and new employees on their roles in emergency management.
- c. coordinate all emergency management activities.
- d. make decisions on routine day-to-day matters pertaining to emergency management.
- e. advise elected officials on courses of action available for major decisions.
- f. insure proper functioning of the EOC during emergency operations.
- g. act as liaison with other local, state, and federal emergency management agencies.
- h. coordinate EOC operations.
- i. other duties as outlined in local ordinances, court orders, and agreements.

County Flow Chart-Chain of Command



EXISTING PLANS

New Madrid County has in place an approved Emergency Operations Plan. The plan establishes the guidelines for conducting efficient, effective, coordinated emergency operations involving the use of all resources belonging to New Madrid County or available to it. The plan contains detailed mitigation activities and provides a format that will ensure proper emergency management activities are carried out in case of a major disaster. All documents are an update of the previous 2004 plan.

Mitigation Programs

New Madrid County has adopted a comprehensive mitigation plan and is participating in the 2010 Plan Update. New Madrid County and several jurisdictions within the county have in place ordinances that include mitigation activities as they relate to flooding. New Madrid County is a member of the National Flood Insurance Program and administers the National Floodplain Plan that regulates activities and construction in the county's floodplain. Areas of New Madrid County are subject to inundation that could result in the loss of life and property, health and safety hazards, disruption of commerce and governmental services, extraordinary public expenditures for flood protection and relief, and impairment of the tax base; all of which could adversely affect the public health, safety, and general welfare of New Madrid County.

Development in the prescribed floodplain requires a development permit. Every floodplain development permit application shall include the following:

1. description of the land on which the proposed work is to be done by lot, block and tract, house and street address, or similar description that will readily identify and specifically locate the proposed structure of work.
2. identify and describe the work to be covered by the floodplain development permit.

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3. indicate the use or occupancy for which the proposed work is intended.
 4. indicate the assessed value of the structure and the fair market value of the improvement.
 5. specify whether development is located in designated flood fringe or floodway.
 6. identify the existing base flood elevation and the elevation of the proposed development.
 7. give such other information as reasonably may be required by the New Madrid County Clerk.
 8. are accompanied by plans and specifications for proposed construction.
 9. be signed by the permittee or his authorized agent who may be required to submit evidence to indicate such authority.

Utility companies in New Madrid County and the County Road and Bridge Department engage in tree trimming to safeguard the availability of electrical power during periods of severe storms and winter weather. Road crews assist with keeping county roads passable during periods of severe weather. (See Table 2 for City and County Regulations)

CITY/COUNTY CAPABILITIES (ORGANIZATIONS AND PLANNING)
Fire Departments

There are eleven fire departments/districts that provide fire service in New Madrid County. The fire departments are as follows:

New Madrid County: New Madrid County has two rescue boats but has no fire equipment:

Morehouse: The city of Morehouse has thirteen volunteer firemen with the following equipment:

2 pumpers	1 generator, lights
1 tanker	radios and airpacs

Gideon: The city of Gideon has fourteen volunteer firemen with the following equipment:

2 pumpers	1 generator, flood lights
	radios and air pacs

Lilbourn: The city of Lilbourn has ten volunteer firemen with the following equipment:

1 pumper	1 generator, flood lights
	radios and air pacs

Tallapoosa: The city is served by New Madrid County.

Portageville: The city of Portageville has thirty-seven volunteer firemen with the following equipment:

2 pumpers	2 generators, flood lights
1 rescue van	2 jaws of life
	radios and air pacs

Portageville also provides fire protection to rural New Madrid County.

New Madrid: The city of New Madrid has twenty-25 volunteer firemen with the following equipment:

2 pumpers	2 generators, flood lights
	radios and airpacs

Howardville: The city of Howardville has five volunteer firemen with the following equipment:

1 pumper	generator, floodlights
	radios, airpacs

Canalou: The city of Canalou has eight volunteer firemen with the following equipment:

1 pumper	generator, floodlights
	radios and air pacs

Risco: The city of Risco has eight volunteer firemen with the following equipment:

1 pumper	1 generator, flood lights
1 rural truck	radios and air pacs

Matthews: The city of Matthews has twenty-one volunteer firemen with the following equipment:

2 pumpers	1 generator, flood lights
1 tanker	radios, air pacs

Marston: The city of Marston has ten volunteer firemen with the following equipment:

1 pumper	1 generator, flood lights
	radios air pac

Catron: The village of Catron has 16 volunteer firemen with 1 fire truck and 1 pumper.

and four auxiliary officers. The city has three patrol cars.

Howardville: New Madrid County provides police services for Howardville.

Canalou: New Madrid County provides police services for Canalou.

Risco: The city of Risco has one full-time officer, two reserve officers, and one patrol car. New Madrid County dispatches for Risco.

Matthews: The city of Matthews has one officer and one patrol car.

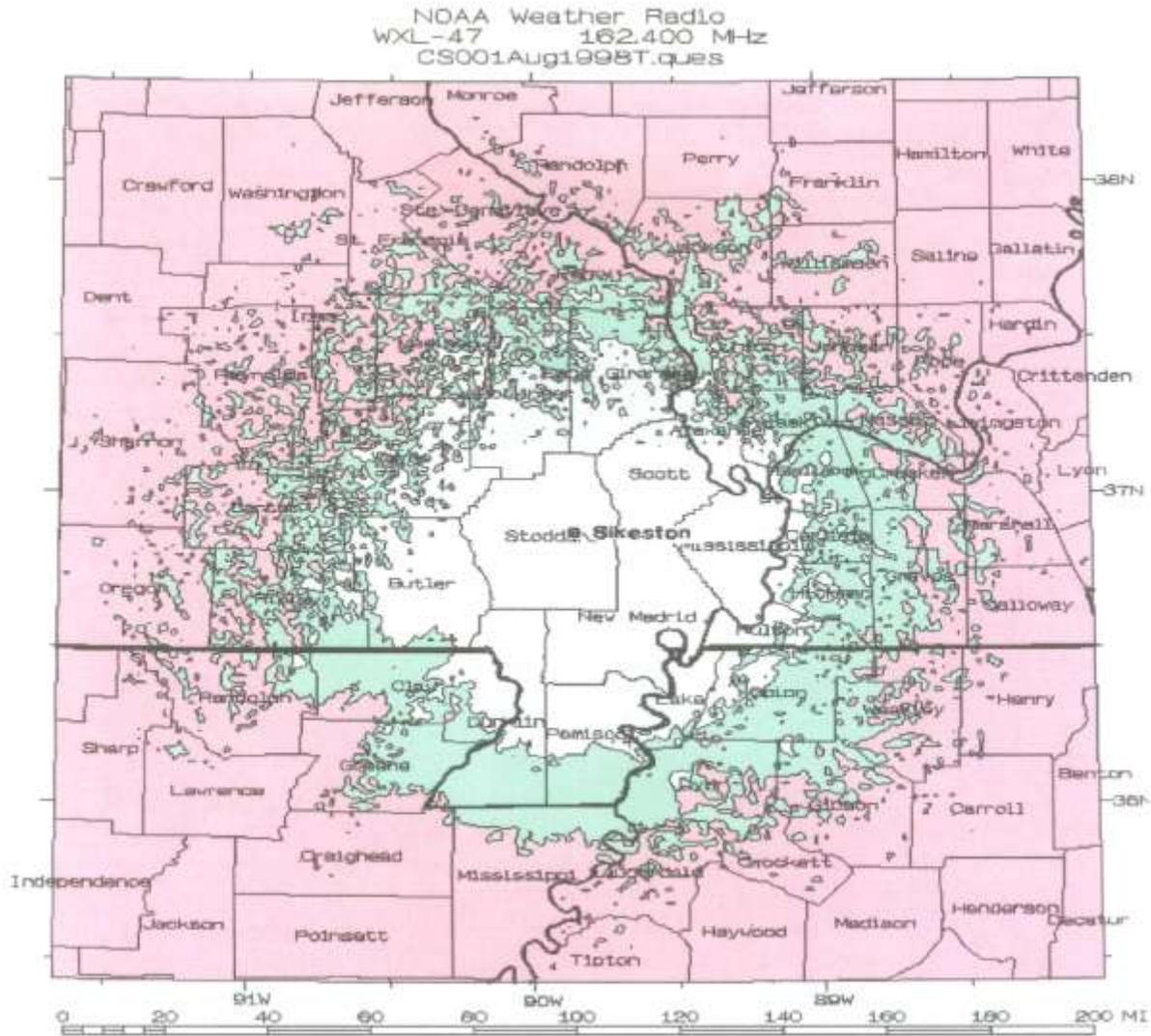
Marston: The city of Marston has two full-time officers, one patrol car. New Madrid County dispatches for Marston.

Catron: New Madrid County provides police services for Catron.

Parma: The city of Parma has one officer and one patrol car.

NOAA WEATHER RADIOS

The map below shows the availability of receiving NOAA weather transmission from the Sikeston Transmission Station. The point of contact for New Madrid County is located in the sheriff's office in the city of New Madrid.



Source: National Weather Service

Storm Spotters

New Madrid County and its communities have weather spotters available to monitor severe weather situations. Participating in this program are fire departments, law enforcement, and emergency management personnel. They can be activated through the Sheriff’s Department. When spotters are notified, they proceed to locations throughout the county to monitor and report weather conditions.

Ambulance Services

New Madrid County has countywide ambulance services with two units located in New Madrid, two units in Portageville, one unit in Parma, and one unit located in Sikeston to service northern New Madrid County.

Hospitals

New Madrid County has no hospitals located within the county but will use the following facilities in case of a major disaster:

Missouri Delta Medical Center
1008 N. Main, Sikeston, MO

Pemiscot Memorial Hospital
Highway 61 & Reed
Hayti, MO

Southern Missouri Healthcare
1200 North, One Mile Road
Dexter, MO

Twin Rivers Regional Medical Center
1301 First Street,
Kennett, MO

New Madrid County Health Department
406 US Hwy 61
New Madrid, MO

EMERGENCY OPERATIONS PLAN

New Madrid County has in place an Emergency Operations Plan. The County has an emergency management director who is employed on a part-time basis. New Madrid County's plan establishes the organization and procedures that allow the governments of New Madrid County and the cities therein to save lives, minimize injuries, protect property, preserve functioning civil government, and maintain economic activities essential to New Madrid County's survival and recovery from natural, technological, and war-related disasters. This plan establishes the guidelines for conducting efficient, effective, coordinated emergency operations involving the use of all resources belonging to New Madrid County.

MOBILE COMMAND CENTER

New Madrid County has a mobile command center located at the airport in Marston, Missouri. The command center is equipped with up-to-date communications equipment that can be used during disaster conditions. New Madrid County's Civil Defense facility is also located at the Marston facility.

AMERICAN RED CROSS

The nearest Chapter of the American Red Cross is located in Cape Girardeau, Missouri. The Cape Girardeau Chapter serves eighteen counties in Southeast Missouri. New Madrid County is not a charter county. Red Cross responds and provides emergency assistance in case of disasters. This assistance can be in the form of food, clothing, shelter, cleaning kits, comfort kits, first aid, or supplementary medical care. Red Cross makes available to disaster recipients all resources from the federal, state, and local governments and private agencies.

ADVANCED WARNING SYSTEMS

The primary communications and warning capabilities for New Madrid County are within the 911 Communications Center and its own law enforcement agency, the Sheriff's Department. Communications and warning in the municipalities is provided through the Sheriff's Department or their police departments. New Madrid County receives its initial warning from the National Weather Service located in Paducah, Kentucky or from Troop E Headquarters of the Missouri Highway Patrol located in Poplar Bluff where the National Warning System (NAWAS) point is located. This warning is then dispersed throughout the county by means of alerting stations on the Sheriff's Department's radio frequency. Radio and television stations will also broadcast warnings. The primary emergency alert systems radio stations for New Madrid County are KMIS-AM and KMIS-FM in Portageville, KSIM-AM in Sikeston, KMPL-AM in Sikeston, KFVS-TV Channel 12 in Cape Girardeau, WPSD-TV Channel 6 in Paducah, Kentucky, and WSIL-TV Channel 3 in Carbondale, Illinois. The following communities have outdoor warning sirens:

Morehouse: Yes

Gideon: Yes (2)

Lilbourn: Yes (2)

Tallapoosa: No EWS

Portageville: Yes

New Madrid: Yes (2)

Howardville: No EWS



Source: Photosearch.com

Canalou: Yes

Risco: Yes

Matthews: Yes

Marston: Yes

Catron: Yes

Parma: Yes

North Lilbourn: No EWS

All information from “existing plans” listed above has been incorporated into the 2010 Plan Update.

INTERGOVERNMENTAL AND INTERAGENCY COORDINATION

The New Madrid County Emergency Plan incorporates cooperation with the cities of Portageville, New Madrid, Lilbourn, Gideon, Morehouse, Parma, Marston, Matthews, Howardville, Risco, Canalou, Tallapoosa, and Catron and serves to maintain coordination among fire departments, law enforcement, emergency medical, and public health officers from the county and incorporated areas and adjacent jurisdiction.

VULNERABILITY ASSESSMENT OF COUNTY POLICIES AND DEVELOPMENT TRENDS

Commitments to a comprehensive mitigation program

New Madrid County’s approval of an up-dated all natural-hazard mitigation plan decreases its vulnerability to natural disasters. The county participates in the National Flood Insurance

Program. The requirements of municipal floodplain ordinances reduce some of the county's vulnerability, but a comprehensive all natural-hazard mitigation plan might further reduce its vulnerability. Participation in NFIP and restrictions on floodplain development are certainly New Madrid County's greatest mitigation action in protecting the lives of county residents.

County laws, regulations and policies related to development in hazard-prone areas

New Madrid County became part of the National Flood Insurance Program in November 27, 1979. The New Madrid County Commission has established a floodplain management program to maintain the county's eligibility for participation in the National Flood Insurance Program. The floodplain management program was last revised in 1999. The county's current ordinance is designed to protect the health, safety, and general welfare of the citizens of New Madrid County. A floodplain development permit is required for all proposed construction or other development, including the placement of manufactured homes. No person, firm, corporation, or unit of government shall initiate any development or substantial improvement or cause to be done without first obtaining a separate floodplain development permit for each structure or other development. Flood hazard reduction is the ultimate design of the county's floodplain management program.

County laws, regulations, and policies related to hazard mitigation in general

New Madrid County currently has a mitigation program that has been expanded due to natural disasters. With the exception of their floodplain management program, other natural disaster mitigation programs need continued expansion to meet future mitigation needs.

How local risk assessments are incorporated and prioritized into local planning

In New Madrid County, flooding has the potential of having a reoccurring impact upon the county. Recognizing that fact, the county is part of NFIP and has adopted flood-plain ordinances. The county also recognizes the impact that snow, ice, storms, tornadoes, and high winds can

have upon the county's citizens. The County Road and Bridge crews attempt to clear as many roads as possible to reduce accidents and ensure that citizens have access to employment.

Current criteria used to prioritize mitigation funding

Mitigation funding would be primarily based upon the expected probability, damage, and death/injuries as it relates to natural disasters. As previously mentioned, the probability and frequency of flooding has caused the county to adopt a floodplain management program. Additional mitigation funding for other natural disasters needs to be added to the county's program.

Integration of hazard mitigation with the city/county departments plans

The county Emergency Management Operations Plan and National Flood Insurance Program, which includes limited mitigation activities, include the participation of all incorporated areas in New Madrid County. Cooperation exists between county/city in the areas of fire protection, law enforcement, emergency, and health organizations.

How the county determines cost-effectiveness of mitigation programs

New Madrid County currently has a mitigation plan and has addressed cost-effectiveness of mitigation actions as a result of reoccurring natural disasters. After adoption of this up-dated plan, New Madrid County will find this plan useful for implementing mitigation programs.

Mitigation funding options including current and potential sources of federal, state, and government, and private local

The county and incorporated areas historically relied upon federal disaster declarations in case of widespread disasters. Sources have included FEMA, SEMA, and various grant programs.

How county government meet requirements for hazard mitigation funding programs

The county's Emergency Operation Plan and Floodplain Ordinance and the measures addressing development are its main criteria for meeting requirements for hazard mitigation programs.

Recommendations for improvements

Due to reoccurring natural disasters, New Madrid County has implemented mitigation activities. Recommended improvements include expanded mutual aid agreements among neighboring jurisdictions, updated capabilities of the EOP, additional warning sirens, adopt and implement new regulations related to building codes, earthquake design, stormwater and flash flooding, and to educate the public concerning general safety issues.

City/County policies and development trends

New Madrid County has experienced an 8.5% decrease in population since 1990. None of the fourteen incorporated areas of New Madrid County have experienced an increase in population. The lost of manufacturing jobs and agricultural technology has caused the outward migration of prospective employers and employees. Interstate 55 has allowed those willing to live in small towns access to jobs both north and south of the county. Large farms with increased technology have eliminated farm related jobs. Future updates will provide a discussion of the affect of trends, including economic, and will be provided for all jurisdictions.

New Madrid County and Incorporated Areas			
Historical Population Trends			
City	1990	2000	2008
Canalou	297	348	289
Catron	87	68	56
Gideon	1104	1113	960
Howardville	477	342	314
Lilbourn	1351	1303	1251
Marston	682	610	529
Matthews	613	605	534
Morehouse	1090	1015	922
New Madrid	3350	3334	3012
Parma	994	852	740
Portageville	4301	3295	2913
Risco	438	392	351
Tallapoosa	175	204	182
North Lilbourn	147	95	85
New Madrid Co.	20,928	19760	17,779

Source: City-Data.com

Table 2 below shows the cities in New Madrid County that have master plans, zoning ordinances, building codes, earthquake design, subdivision regulations, stormwater regulations, and floodplain regulations.

Table 2

City and County Regulations-Updates 2009							
Jurisdiction	EOP	Zoning	Building Code	Earthquake Design	Subdivision Regulations	Stormwater Regulations	Floodplain Regulations
New Madrid County	Yes						Yes
Morehouse	Yes	Yes	BOCA		Yes	Yes	Yes
Gideon	Yes		BOCA		Yes	Yes	Yes
Lilbourn	Yes		Yes			Yes	Yes
Tallapoosa							No
Portageville	Yes	Yes	BOCA	Yes	Yes	Yes	Yes
New Madrid	Yes	Yes	BOCA		Yes		Yes
Howardville							Yes
Canalou	Yes						Yes
Risco	Yes	Yes	Yes		Yes	Yes	Yes
Matthews	Yes	Yes	BOCA	Yes	Yes		Yes
Marston		Yes	Yes				Yes
Catron							No
Parma	Yes	Yes	Yes		Yes		Yes
N. Lilbourn							No
New Madrid R-I			Yes				
Risco R-II			Yes				
Portageville			Yes				
Gideon C-37			Yes				
TRCC-Portageville			Yes				

Source: BRPC