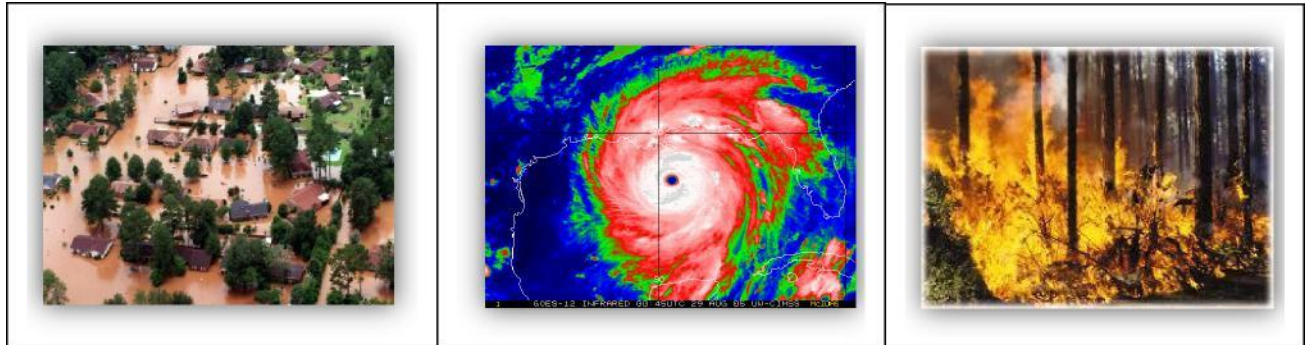


JACKSON COUNTY



Local Mitigation Strategy

2021

Jackson County Board of County Commissioners
Jackson County Emergency Management Agency



Table of Contents

<u>Executive Summary</u>	4
<u>Section 1 – Planning Process</u>	6
A. <u>Introduction and Overview</u>	6
B. <u>Planning Process</u>	7
C. <u>Local Mitigation Strategy Working Group Membership</u>	7
D. <u>Plan Update and Maintenance</u>	9
E. <u>Public Involvement</u>	9
<u>Section 2 – County Profile</u>	10
A. <u>Jackson County Profile</u>	10
1. <u>Topography</u>	10
2. <u>Land Use</u>	11
3. <u>Population</u>	12
4. <u>Population Vulnerable by Hazard</u>	12
<u>Section 3 – Hazard Identification and Vulnerability Assessment</u>	13
A. <u>Background</u>	13
B. <u>Hazard List and Risk Classification</u>	13
C. <u>Natural and Technological Hazards</u>	15
1. <u>Flooding</u>	20
2. <u>Severe Weather</u>	24
2.1 <u>Hurricanes and Tropical Storms</u>	24
2.2 <u>Tornado</u>	29
2.3 <u>Thunderstorms</u>	33
2.4 <u>Lightning</u>	34
3. <u>Drought</u>	35
4. <u>Sinkholes</u>	37
5. <u>Infestation/Disease/Pandemic</u>	39
6. <u>Urban/Wildfire</u>	40
7. <u>Extreme Temperatures</u>	42
8. <u>Hazardous Materials</u>	43
9. <u>Civil Disturbance</u>	46
10. <u>Special Events</u>	46
11. <u>Radiological</u>	47

12. Coastal Oil Spills	48
13. Terrorism	48
14. Dam Failure	48
Section 4 – Goals and Policies	52
A. Goals	52
B. Coordination	55
C. Plans, Programs, and Policies	60
Section 5 – Mitigation Initiatives	66
A. Evaluation Criteria	66
B. List of Mitigation Projects (Appendix A)	68
C. Local Mitigation Strategy Maintenance	68
D. Update of the LMS 5 Year Monitoring & Evaluation	69
Annex A - List of Mitigation Initiatives	69
Annex B - Planning Meeting Minutes	99

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GP Strategies



Excel USA

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SUPERSESSION

This version (2021) of the Jackson County Local Mitigation Strategy supersedes all prior versions. The Jackson County Board of County Commissioners has approved this strategy

EXECUTIVE SUMMARY

The Jackson County Local Mitigation Strategy (LMS) is a comprehensive plan intended to reduce the community's long-term vulnerability to natural and technological/manmade hazards through various forms of mitigation. Hazard mitigation is any program, initiative, or action taken to permanently reduce or eliminate long-term risk to people and their property from the effects of hazards. Hazards can be natural, such as hurricanes and floods, or technological, such as hazardous materials incidents.

The Jackson County LMS is organized into five sections:

- Section 1 describes the role of the LMS Working Group in updating and maintaining the overall mitigation strategy and its component initiatives. It also describes the process to monitor, evaluate, and update the plan over the next five years. This section also describes procedures intended to keep the public actively involved in local hazard mitigation planning, and how the LMS will be consistent and incorporated into other local planning mechanisms where appropriate
- Section 2 provides a profile of the county with descriptions of the topography, demographics and future land use of Jackson County.
- Section 3 is the Hazard Identification and Vulnerability Assessment. This section provides an overview of the types of natural and technological hazards the County is vulnerable to, and a history of these hazards and their effects. Natural hazards identified and assessed by the working group include severe weather, flooding, wildfires, erosion, infestations and diseases and drought and extreme temperatures and erosion. Technological hazards include hazardous materials storage and transportation, terrorism and radiological incident.
- Section 4 describes mitigation policies at the local, regional, state and federal levels.
- Section 5 describes ongoing and proposed mitigation projects identified by the Working Group. For this update, the Working Group has deferred, deleted, and completed all but 33 current projects to ensure the Project List has viable and current projects. The LMS Working Group continues to work diligently to discuss new mitigation projects on an on-going basis at all meetings. Mitigation projects can be capital improvements such as drainage projects, etc. For these efforts, local government may require outside funding assistance. To assist the latter, each mitigation initiative identified in this Section includes potential funding sources where available.

The LMS Working Group has developed a series of mitigation initiatives intended to address hazards that affect Jackson County and its municipalities and protect the public at large from the impacts of these hazards. This is also intended to be an evolving list that will change as current projects are completed, new needs and problems are identified and local priorities

change with development, population shifts and increases. The Working Group meets several times annually to review and update this strategy and on an as-needed basis after disaster events

The Florida Division of Emergency Management (FDEM) requires the LMS be adopted by resolution by local government(s). To fulfill this requirement, the Jackson County Local Mitigation Strategy 2021 Update has been adopted by resolution by the Jackson County Board of Commissioners and each municipality and Special District. Adoption of the LMS will not have any effect on the Jackson County Comprehensive Plan at this time. Adoption of the LMS will allow Jackson County, all municipalities and eligible jurisdictions to apply for hazard mitigation and disaster recovery funds from state and federal sources, as well as provide a framework for applying these funds.

Section 1 – Planning Process

A. Introduction and Overview

Based on the lessons learned from destructive natural disasters that occurred in the mid to late 1990's, Congress passed the DMA2K and amended the Robert T. Stafford Act by Public Law 106-390. The law includes many provisions for the entire life cycle of a major disaster, addressed issues such as streamlining the Public Assistance Program and the Hazard Mitigation Grant Program (HMGP), strengthened the development of local mitigation strategies and created a provision for states and local communities to develop “enhanced” mitigation plans. This allows certain delegations of authority to states to manage the HMGP and offset these efforts by increasing the amount of HMGP funds available after a disaster from 7.5% of the total of all disaster costs to up to 20% of all related disaster costs.

Mitigation is defined as, “sustained action that reduces or eliminates long-term risk to people and property from natural hazards and their effects” (FEMA, National Mitigation Strategy, 1996). This definition distinguishes actions that have a long-term impact from those that are more closely associated with preparedness and immediate response to and short-term recovery from a specific event. The intent of mitigation is to focus on actions that produce repetitive benefits over time, not on those actions that might be considered emergency planning or emergency services. The primary purpose of hazard mitigation is to safeguard communities so that when they do experience a disaster, they suffer the least damaging effects possible; with the ideal outcome of eliminating negative effects from the impact of a disaster.

Another important benefit for effective mitigation techniques is that current dollars spent on mitigation will significantly reduce the demand for large amounts of future dollars when disasters strike. Current mitigation expenditures will also reduce the economic disaster that often accompanies the hazard event through destruction of property, loss or interruption of jobs and closing or disabling of businesses. This process describes the ongoing effort at the Federal, State, Local and individual levels to lessen the impact of disasters upon families, homes, communities, and economy (Federal Emergency Management Agency, Strategic Plan, 1996).

Through the application of mitigation technologies and practices society can lessen or eliminate the negative consequences of disasters. For example, mitigation measures can be the strengthening of homes so that belongings are better protected from floods, hurricanes, and other hazards. Strategies can be used to reinforce businesses to lessen or avoid damages to their facilities possibly allowing them to remain operational. Mitigation technologies can be used to strengthen fire stations and other critical service facilities so that they can remain operational or reopen more quickly after an event. In addition, mitigation measures can help reduce disaster losses and suffering so that there is less demand for money and resources in the aftermath.

Mitigation is a principal foundation of our community based Local Mitigation Strategy and is centered on people helping people with the goal of reducing the number of victims, property loss and environmental damage.

B. The Planning Process

The Jackson County LMS is a comprehensive plan that identifies the potential hazards that the County is vulnerable to and provides strategies for reducing the community's long-term vulnerability to these hazards. The LMS enables local officials, the business community, and local citizens to reduce risks and costs by including mitigation as a part of everyday planning, rather than limiting it to the measures taken in preparing for and recovery from a disaster.

The following documents were reviewed, and information was incorporated where applicable: Jackson County Capital Improvements Element; Jackson County Comprehensive Emergency Management Plan (CEMP); Jackson County Comprehensive Plan; Jackson County Floodplain Ordinance; and Jackson County Land Development Code. The Hazards Analysis listed in the CEMP was reviewed extensively to ensure information was consistent and complete to include hazards, historical storm and damage data, and demographics. The Floodplain Management Plan is an integral document in the LMS and referred to in reviewing hazards and the Community Rating System sections of the LMS. More detail can be found in Section 4, Goals and Policies. The LMS covers the jurisdictions of Jackson County (unincorporated), and the communities of Alford, Bascom, Campbellton, Cottondale, Graceville, Grand Ridge, Greenwood, Jacob, Malone, Marianna and Sneads. The Strategy was updated to reflect changes in development and development patterns. The Future Land Use Map is incorporated into the LMS to demonstrate where future development and growth is expected in Jackson County and its municipalities.

The Jackson County LMS Working Group started the 2021 LMS planning process with updating the mitigation project list. Hurricane Michael severely affected the entire County in October 2018 and the LMS Working Group worked diligently to update the LMS Project List since that time. The Goals & Objectives were then amended after discussion and comments were received. The Hazard Identification & Vulnerability Assessment was then updated along with all pertinent historical storm and damage information using HAZUS and MEMPHIS data. Hazard maps, hazard exposure, and loss estimates were also included. The Working Group ensured that all information was compliant with the Jackson County Comprehensive Emergency Management Plan (CEMP) and other emergency preparedness and response plans.

The Jackson County Board of County Commissioners formally recognizes and approves of the planning process undertaken to develop and update the LMS. All participating municipalities and jurisdictions have formally adopted the LMS by resolution and will consider using content from the LMS in other planning initiatives.

C. Local Mitigation Strategy Working Group Membership

The Jackson County LMS Working Group has a cross section of community members. The strategy was developed by the LMS Working Group, which includes representatives from state, county, and municipal governments as well as private Jackson County citizens. Voting members are indicated by ** in Table 1.1.

Table 1.1 – LMS Working Group Members

Name/Title	Organization	Email
George Gay, Mayor **	Town of Alford	Clerk@alfordfl.com
Billy James, Mayor **	Town of Bascom	townofbascom@centurylink.net
Danny Taylor, Interim Mayor, ** President Town Council, Fire Chief	Town of Campbellton	De-taylor671@outlook.com
Floyd Scott, ** Public Works Director	Town of Cottondale	floyd@cityofcottondale.net
Mayor Arthur Obar	City of Graceville	obar_ins@bellsouth.net
JR Moneyham, Town Manager **	Town of Grand Ridge	townofgrandridge@embarqmail.com
Suzanne NeSmith, Mayor **	Town of Greenwood	mayor@townofgreenwood.org
Carl Bailey, City Manager **	City of Jacob	jacobcity@wfeca.net
Linda Wilson, Town Clerk **	Town of Malone	malonetownhall@embarqmail.com
Joe Richey, ** Public Works Director	City of Marianna	jrichey@mariannnafl.city
Lee Garner, City Manager**	Town of Sneads	sneadsmgr@sneadsfl.com
Tiffany Garling, Exec Director **	Jackson County Chamber of Commerce	tiffany@jacksoncounty.com
Wilanne Daniels, ** County Administrator	Jackson County Commission	danielsw@jacksoncountyfl.gov
Renee Scurlock, Interim Director	Jackson County Emergency Management	scurlockr@jacksoncountyfl.gov
Evan McAllister (Chair)	Melvin Engineering	jclmschair@gmail.com
Jeff Johnson, ** Director 911 & Comm	Jackson County Sheriff's Office	johnsonjl@flcjn.net
David Kent, **Forest Area Supvr	Florida Forest Service	David.kent@FDACS.gov
Adrian Abner, ** Deputy Superintendent	Sunland Training Center	Adrian.Abner@apdcare.org
Sarah Clemmons, ** VP of Adm & Business Affairs	Chipola College	clemmonss@chipola.edu
Kevin Daniel , ** Dir of Engineer	Jackson Hospital	kdaniel@jackhosp.org
Terry Mullen, ** Mgr of Marketing & Communications	West Florida Electric	tmullen@westflorida.coop

D. Plan Update and Maintenance

The LMS Working Group began the process of reviewing and updating the 2016 Jackson County LMS with a Kickoff Meeting June 9, 2020. Due to the COVID-19 pandemic, emails were sent to 65 Stakeholders and interested businesses and citizens. Included in the meeting email was an explanation of the proposed planning process, a description of individual roles and responsibilities and to begin initial data collection efforts. The Goals & Objectives had been previously discussed at meetings and updated and were included in this meeting email. The LMS Working Group was asked to provide any further comments and a vote by email. The jurisdictions represented in the updated plan are the same jurisdictions as the older versions of the plan, with no jurisdictional changes having occurred within the county. Opportunities were provided for all Jackson County jurisdictions, agencies, businesses, academia, and other interested parties to participate in the LMS update process. The Jackson County LMS Working Group is comprised of state, county and municipal government officials, regional agency representatives and private citizens. Even though the plan was made available physically at the County Emergency Management office and on the County's website along with meeting announcements, no input from the public was received in reference to the 2021 LMS update. The main goal of the LMS is to identify and assess the various natural and manmade hazards that the county and its municipalities face and to develop local strategies and mitigation initiatives to reduce the impact of future events. All jurisdictions and LMS Working Group members were invited by email to participate in the update to the strategy.

Due to the COVID-19 pandemic, the last in-person LMS meeting was March 4, 2020. The Working Group changed all meetings to Zoom calls with minutes being taken from the meetings. Emails have been sent with updated proposed documents to be voted on via email. Finalized documents have then been sent via email to all Working Group members. An additional meeting is scheduled for final approval after review by the FDEM. Meeting minutes and sign-in sheets are maintained and are submitted as part of the update process in Appendix B. In addition, meeting summaries are also provided for the annual LMS meetings held 2016-2020. Annually the Emergency Management Director, who serves as Vice-Chair of the LMS Working Group, hosts a meeting of the LMS Working Group. During this meeting, the Working Group reviews the mitigation project list and discusses any changes in jurisdictional development, mitigation priorities and effectiveness of the LMS. See Section 5 for further details on maintenance of the LMS.

E. Public Involvement

Jackson County understands the importance of including the public in the hazard mitigation planning process. Jackson County and all its jurisdictions were severely impacted by Hurricane Michael in October 2018. Citizens were contacted with information about available mitigation assistance for flooding and other opportunities to be involved in mitigation planning. The 2020 Covid-19 pandemic has required all meetings to be held virtually since March 2020. Previous LMS meetings have included discussions to engage nonprofit organizations, churches, businesses, etc. but participation to date has been minimal. Although opportunities have been advertised and public outreach done in the community, public involvement has been infrequent as they recover from Hurricane Michael and social distance for the pandemic. Meeting email announcements and minutes are in Appendix B. The LMS was made available for public review on the Jackson County Emergency Administration website and for review in the office. Any feedback from the public is submitted to and reviewed by the LMS Working Group. In addition, several members of the Jackson LMS Working Group are private citizens living in Jackson County.

The Jackson County LMS will continue to be listed on the County's website along with meeting announcements as they are scheduled. The public will be encouraged to submit comments or concerns to the Jackson County Emergency Management office to be presented to the working group at the meetings if a resident cannot attend. Due to the COVID 19 pandemic, attendance will be conference call or online meeting until it is safe to meet in person as directed by the Florida Department of Health.

Section 2 – County Profile

A. Jackson County Profile

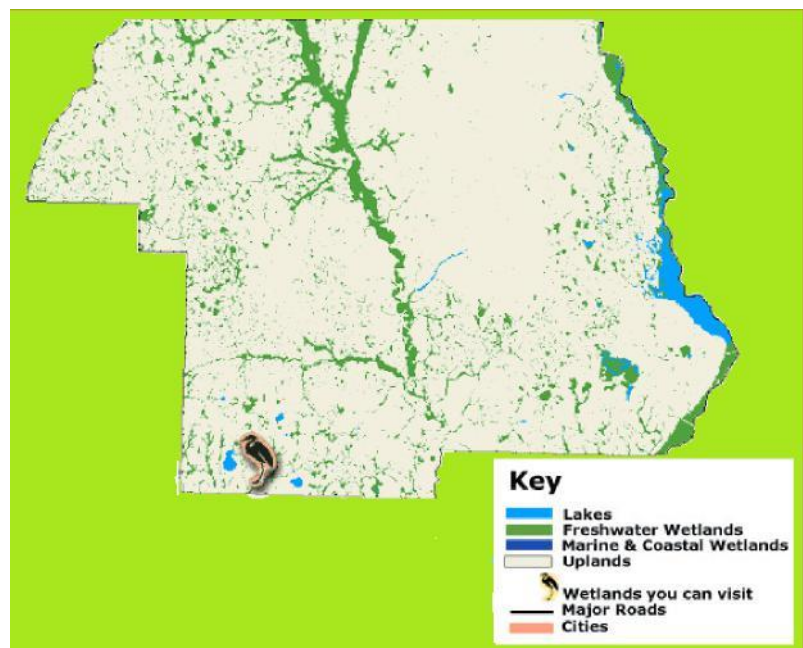
Jackson County is a rural, landlocked county located in the north-central area of the Florida panhandle, approximately 64 miles west of Tallahassee and 115 miles east of Pensacola. It is bordered on the west by Holmes and Washington Counties; on the south by Bay and Calhoun Counties; on the southeast by Liberty County; on the east by Gadsden County; on the northeast by the state of Georgia and on the north by the state of Alabama. According to the Bureau of Economic and Business Research (BEBR 2007), Jackson County has a total area of 955 square miles (611,200 acres), with 916 square miles of land and 39 square miles of water. The Chattahoochee and Apalachicola Rivers form the eastern border along with Lake Seminole where the borders of Florida, Georgia, and Alabama meet. The majority of the County rests on a fairly level plain above the Apalachicola River and the average elevation is approximately 160 feet. The average maximum temperatures in the County are 61 degrees F in January and 92 degrees F in July. The average minimum temperature is 37 degrees F in January and 71 in July. The average rainfall is approximately 53” annually with the majority falling in June - August.

1. Topography

The terrain in Jackson County is generally level and includes many heavily forested upland and wetland areas. The southern portion of the county is high in elevation and includes forested and agriculturally farmed land. The central portion of the county is generally flat and well-drained; it includes the City of Marianna, the largest

municipality in Jackson County and Merritt’s Mill Pond. Merritt’s Mill Pond forms the headwaters of Spring Creek near the City of Marianna and at least eight springs are located within the Pond. Over 25% of the land area within the county lies in the 100 year floodplain (Figure 3.1). The majority of the county is part of the Apalachicola Bay Watershed. Most of these areas are shallow flood zones, anticipated to draw three feet of

water or less. The County has several rivers and streams, which form the drainage patterns for the County. The drainage patterns are generally from the north to the south, or to the nearest stream or river. Figure 2.1 shows the environmentally sensitive lands in Jackson County



Source: <http://soils.ifas.ufl.edu/wetlandextension/counties/jackson.htm>

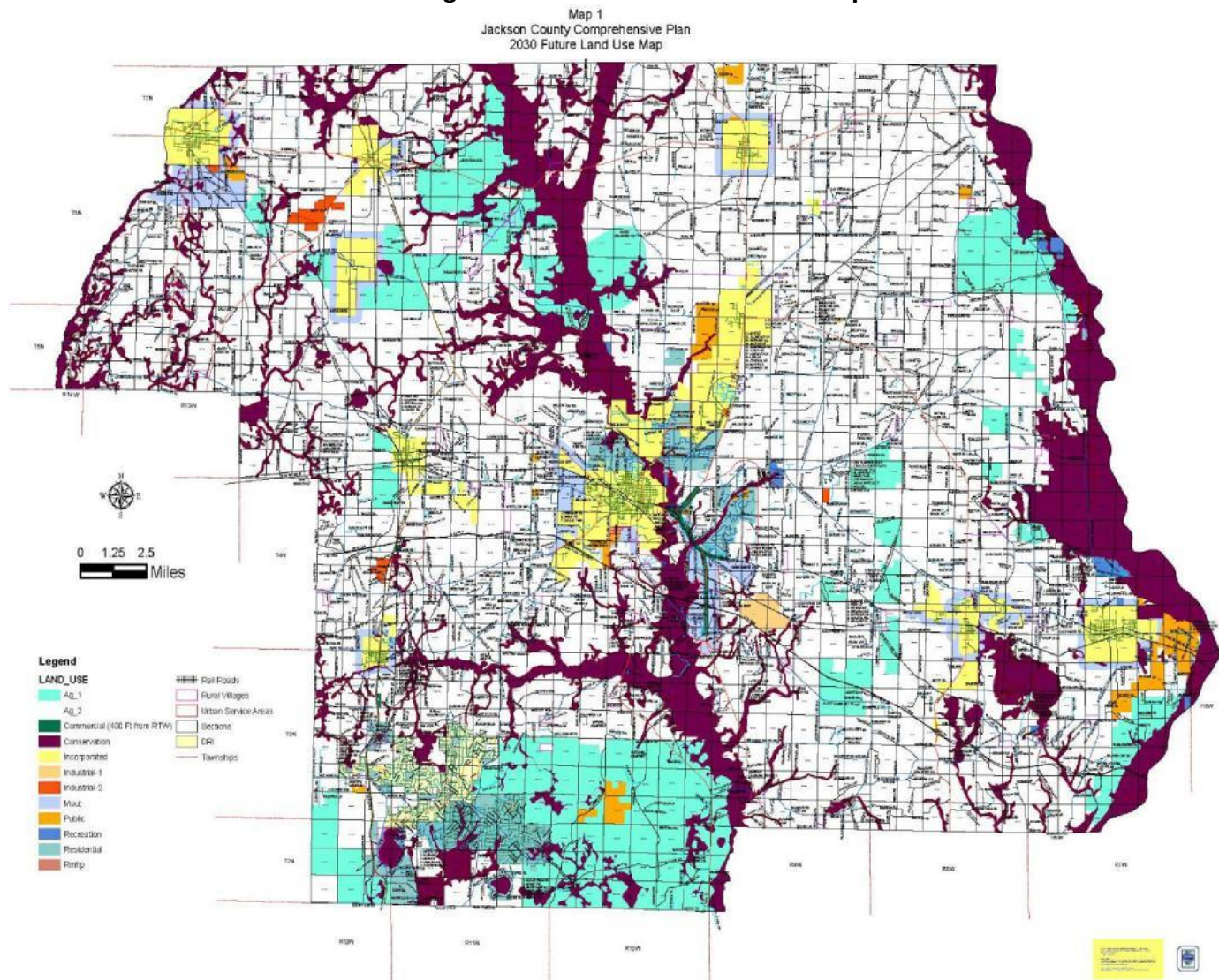
Figure 2.1: Environmentally Sensitive Lands

2. Land Use

The most common land use throughout the County is agriculture, including livestock and dairy farms and accounts for approximately 61.6 percent of the County's land area. There are some forested lands, and a large area serving as the estuary to the Apalachicola River, which is the eastern border of the County. Less than 7 percent of the County is included in residential, commercial, and industrial land uses.

Development that has occurred since 2016 has been performed with building permits that adhere to current local and Florida Building Code standards to ensure the least amount of vulnerability to wind, flood, and other hazards for the specific area depending on flood zone, wind zone, etc. A new Jackson County K-8 school was constructed in Marianna however stormwater and infrastructure was built to avert any adverse impacts. New construction has lessened damages by building smarter and stronger. As technology and products improve, so will the building resiliency. No other new development has been documented to have an adverse effect in the Unincorporated County, or its municipalities of Alford, Bascom, Cottondale, Campbellton, Graceville, Grand Ridge, Greenwood, Jacob, Malone, Marianna, or Sneads.

Figure 2.2: 2030 Future Land Use Map



3. Population

Table 2.1 below, contains the 2019 estimated population figures from the University of Florida Bureau of Economic Business Research (BEBR) most recent population estimates for Jackson County. The majority of the population (64 percent) resides in the largely rural unincorporated County.

Table 2.1 – Population Data

2019 Estimated Total Population			46,969		
			31,267 (66%) Unincorporated		18,702 (38%) Incorporated
Alford 495	Bascom 112	Campbellton 215	Cottondale 856	Graceville 2,238	Grand Ridge 907
Greenwood 659	Jacob City 318	Malone 2,070	Marianna 6,030	Sneads 1,802	Unincorporated 31,267
Density			51 persons per square mile		
Distribution by Age			0-17	18-54	55-64
			9,604	24,422	6,881
Distribution by Race			Black	White	Hispanic
			13,949	33,365	2,692
Special Needs Population			206		
Poverty Rate (2018)			23.5%		
Farm Workers			Appx. 3,300 seasonal and migrant workers at peak season. Migrant workers travel year-round, seasonal maintain a residence in the county.		
School Population			Approximately 6,400 from 16 public schools.		
Areas of Large Tourist Population			Special events include county fair, rodeos, horse shows.		
Speak English Less than “very well”			844		
Hearing impairment or loss 18-65+			2,431		
Transient Populations			At any one time there are an estimated 75 transient persons migrating through Jackson County, many along the I-10 corridor.		
Manufactured home residents			Approximately 954 manufactured homes, appx. 2,289 residents in 76 mobile home or RV parks.		
Inmate Population (2019)			Approximately 5,878 in six institutions: Apalachee Correctional Institution, Jackson Correctional Institution, Jackson County Correctional Facility, Dove Academy, GEO Prison (Graceville Correctional Facility), Federal Correctional Institution		

Source: University of Florida BEBR, 2019 and Office of Economic and Demographic Research, December 2019

4. Population Vulnerable by Hazard

Figure 2.2 describes the population vulnerable to the natural and technological/manmade hazards that could affect Jackson County. In most instances, the population vulnerable to these hazards is the entire population of the county. While it is unlikely that *all* the residents will be affected by any one event, the possibility does exist that *any* of the residents could be affected by one of these hazards. Each hazard was assessed for its potential impact on the identified population set, and a general percentage applied to each group. This is not an exact representation of the vulnerable population, but rather an estimate based on best available data.

Table 2.2 – Vulnerable Population by Hazard Type

Hazard Population	Hurricane Tropical Storm	Flood	Tornado / Severe Thunder storms	HazMat Spill	Wildfire	Extreme Temps	Drought	Sinkhole /Erosion	Terrorism	Nuclear Power Plant Incident	Exotic Pests/ Pandemic
Total	46,969	14,025	4,969	46,969	32,877	9,528	30,060	<1,000	46,969	46,969	46,969
0-17	9,604	2,881	9,604	9,604	6,713	0	6,146		9,604	9,604	9,604
18-54	24,422	7,302	24,422	24,422	17,085	0	15,630		24,422	24,422	24,422
55-64	6,881	2,057	6,881	6,881	4,747	0	4,403		6,881	6,881	6,881
65+	9,528	2,848	9,528	9,528	6,660	9,528	6,097		9,528	9,528	9,528
Special Needs	206	206	206	206	206	206	206	206	206	206	206
Non-English Pop/Hearing Impaired	2,975	2,975	2,975	2,975	2,079	1,172	1,904	Unk	2,975	2,975	2,975
Transient Pop	<100	100%	<100	<100	<100	<100	<100	<100	<100	<100	<100
Mobile Home	2,289	2,289	2,289	2,289	1,600	unk	unk	unk	2,289	2,289	2,289
Inmate Pop	5,878	0	5,878	5,878	0	0	0	0	0	5,878	5,878

Section 3 – Hazard Identification and Vulnerability Assessment

A. Background

In order to minimize the losses suffered from disaster we must understand the types and severity of hazards that have the potential to impact Jackson County. Although losses cannot be eliminated much can be done to reduce the negative impact of a disaster. Through the process of identifying potential hazards and assessing the probability of occurrence, extent of impact and vulnerability, mitigation strategies have been developed to determine and prioritize mitigation initiatives. These hazards and their potential impacts were reviewed and updated by the LMS Working Group.

This section contains the hazard identification which includes:

- Description of the hazard;
- Location of the area that the hazard may affect;
- Previous occurrences; and,
- Impacts of previous occurrences.

B. Hazard List and Risk Classification

The Jackson County Comprehensive Emergency Management Plan (CEMP) was updated in 2020. During that process, the Jackson County stakeholders decided to add Civil Disturbance. Other hazards had been updated and deleted in the 2016 LMS update. The LMS Working Group reviewed the extensive list of hazards addressed in the Jackson County emergency planning documents to correspond between the CEMP and LMS. They ensured the LMS hazards are in accordance with the Jackson County CEMP. This will also assist the county during the EMAP accreditation process. The tables below indicate the previous and updated list of hazards.

Table 3.1 – Previous Hazard List

Previous Jackson County Hazards	Status
High Winds	Combined
Economic Crisis	Eliminated (low risk/never occurred)
Infestation / Disease	Maintained
Flooding	Maintained
Erosion	Eliminated (low risk/never occurred)
Crime	Eliminated (low risk/never occurred)
Loss of Electrical Service	Eliminated (inherent hazard of other natural hazards)
Wildfire	Combined
Hazardous Materials	Maintained
Loss of Sewer Service	Eliminated (low risk/never occurred)
Lightning	Combined
Drought	Maintained
Urban Fire	Combined
Loss of Water Service	Eliminated (inherent hazard of other natural hazards)
Loss of Telecommunications	Eliminated (inherent hazard of other natural hazards)
Key Employer Crisis	Eliminated (low risk/never occurred)
Radiological	Maintained
Subsidence / Expansive	Maintained as Sinkholes
Loss of Gas Service	Eliminated (inherent hazard of other natural hazards)
Civil Disturbance	Maintained
Terrorism	Maintained
Hail	Eliminated (low risk/never occurred)
Earthquake	Eliminated (never occurred)
Storm Surge / Tsunami	Eliminated (cannot occur)
Volcanic Activity	Eliminated (cannot occur)
Dam / Levee Failure	Maintained (low risk/never occurred)

Source: 2016 Local Mitigation Strategy

Table 3.2 – Updated Hazards Risk List

2021 Jackson County Hazards	Hazard Risk	Hazard Probability
Natural Hazards		
Flooding	HR	HP
Severe Weather (includes: lightning, high wind, tornado, tropical storm, hurricane)	HR	HP
Drought	MR	MP
Extreme Temperature	MR	MP
Infestation/Disease/Pandemic Outbreak	MR	MP
Sinkholes	MR	MP
Wildfires – Urban Wildfires	HR	HP
Dam Failure	LR	LP
Technological/Manmade Hazards		
Hazardous Materials Incident	MR	LP
Radiological Incident	LR	LP
Terrorism	LR	LP
Coastal Oil Spills	LR	LP
Civil Disturbance	LR	LP
Special Events	LR	LP

The Hazard Identification uses the following risk classification system which classifies the degree of risk to the residents of Jackson County from potential hazards as low, medium, or high risk as follows:

1. High Risk: Associated with loss of life and property damage.
2. Medium Risk: Low risk of loss of life but risk of property damage.
3. Low Risk: Unlikely to cause loss of life or property damage.

The Hazard Identification uses the following probability classification system which classifies the degree of risk to the residents of Jackson County from potential hazards as low, medium or high risk as follows:

1. High Probability: Likely to occur annually.
2. Medium Probability: Likely to occur every 3-5 years.
3. Low Probability: Likely to occur every 5-10 years.

C. Natural and Technological/Manmade Hazards

The 2021 Jackson County LMS includes the natural and technological/manmade hazards listed in Table 3.2 above. Many of the identified hazards are related (e.g. flooding can occur and tornadoes may develop during hurricanes and tropical storms). Other hazards may result from a disaster event, such as Hail stemming from Severe Weather; in such instances, these hazards are not listed separately but concurrently.

Table 3.3 lists the hazard occurrences for Jackson County. The table also quantifies historical losses from the major natural hazards and provides an annual estimate of loss based on the historical frequency of the event. The data was obtained from the NOAA National Centers for Environmental Information database.

Table 3.3 – Hazard Occurrences From 1950 - 2020

Date	Hazard	# of Events	Injuries	Property Damage \$
1950	Tornado	1	0	\$2,500
1955	Tornado	1	0	\$250
1959	Thunderstorm/Wind	1	0	\$0
1962	Thunderstorm/Wind	1	0	\$0
1965	Hail	1	0	\$0
1966	Tornado	1	0	\$0
1968	Tornado	1	0	\$25,000
1969	Thunderstorm/Wind	1	0	\$0
1970	Thunderstorm/Wind	1	0	\$0
1971	Thunderstorm/Wind	1	0	\$0
1972	Tornado	1	0	\$25,000
	Thunderstorm/Wind	2	0	\$0
1974	Tornado	1	0	\$2,500
1975	Tornado	3	15	\$3,000,000
1979	Thunderstorm/Wind	1	0	\$0
	Hail	1	0	\$0
	Tornado	1	0	\$25,000
1983	Thunderstorm/Wind	2	0	\$0
	Tornado	1	0	\$250,000
	Hail	2	0	\$0
1985	Tornado	1	0	\$25,000
1986	Tornado	1	0	\$250,000
	Hail	1	0	\$0
1988	Tornado	2	0	\$252,500
1989	Thunderstorm/Wind	1	0	\$0
	Tornado	3	0	\$500,000
1990	Thunderstorm/Wind	4	0	\$0
1992	Tornado	1	0	\$2,500
	Thunderstorm/Wind	5	0	\$0
1993	Hail	1	0	\$0
	Thunderstorm/Wind	1	0	\$0
1994	Thunderstorm/Wind	2	0	\$0
1995	Hail	2	0	\$0
	Thunderstorm/Wind	3	0	\$5,000
	Tornado	1	0	\$0
1996	Tornado	1	0	\$500,000
	Thunderstorm/Wind	2	0	\$5,000
	Flash Flood	1	0	\$20,000
	Tropical Storm	1	0	\$0

Date	Hazard	# of Events	Injuries	Property Damage \$
1997	Hail	2	0	\$0
	Thunderstorm/Wind	6	0	\$35,000
	Tornado	2	0	\$175,000
	Flood	1	0	\$70,000,000
1998	Hail	2	0	\$0
	Tornado	1	0	\$5,000
	Thunderstorm/Wind	2	0	\$36,000
	Hurricane	2	1	\$2,600,000
1999	Thunderstorm/Wind	5	0	\$326,000
	Hail	1	0	\$0
	Lightning	1	0	\$300,000
	Hail	2	0	\$0
2000	Thunderstorm/Wind	10	0	\$379,750
	Tornado	2	0	\$500,000
	Flash Flood	1	0	\$30,000
	Lightning	1	0	\$75,000
2001	Tropical Storm	1	0	\$0
	Thunderstorm/Wind	3	0	\$100,000
	Tornado	1	0	\$500,000
	Hail	1	0	\$0
2002	Tropical Storm	1	0	\$0
	Thunderstorm/Wind	6	0	\$378,000
	Flash Flood	1	0	\$25,000
	Tropical Storm	2	1	\$185,000
2003	Tornado	1	1	\$150,000
	Hail	1	0	\$0
	Tornado	1	3	\$500,000
	Thunderstorm/Wind	1	0	\$5,000
2004	Hail	1	0	\$0
	Thunderstorm/Wind	3	0	\$19,000
	Tropical Storm	2	0	\$10,000
	Hurricane	1	3	\$5,000,000
2005	Tornado	1	3	\$3,000,000
	Flood	1	0	\$100,000
	Thunderstorm/Wind	1	0	\$15,000
	Tropical Storm	1	0	\$0
2006	Hurricane	1	0	\$300,000
	Thunderstorm/Wind	2	0	\$7,000
	Hail	7	0	\$0
	Tropical Storm	1	0	\$0

Date	Hazard	# of Events	Injuries	Property Damage \$
2007	Thunderstorm/Wind	5	0	\$4,500
	Hail	2	0	\$0
	Funnel Cloud	1	0	\$0
	Flood	2	0	\$0
2008	Thunderstorm/Wind	2	0	\$5,000
	Tropical Storm	1	0	\$15,000
	Tornado	1	0	\$0
	Thunderstorm/Wind	8	0	\$594,000
2009	Tornado	2	0	\$75,000
	Flood	1	0	\$0
	Hail	1	0	\$0
	Thunderstorm/Wind	3	0	\$7,500
2010	Excessive Heat	3	0	\$0
	Drought	4	0	\$0
	Drought	12	0	\$0
	Thunderstorm/Wind	5	0	\$94,000
2011	Hail	2	0	\$0
	Tornado	2	0	\$501,000
	Drought	6	0	\$0
	Thunderstorm/Wind	11	0	\$42,500
2012	Flash Flood	2	0	\$2,000
	Hail	1	0	\$0
	Tornado	1	0	\$0
	Drought	2	0	\$0
2013	Thunderstorm/Wind	4	0	\$13,000
	Flash Flood	3	0	\$50,000
	Flood	4	0	\$1,880,000
	Lightning	1	0	\$600,000
2014	Winter Storm	1	0	\$200,000
	Tornado	4	0	\$228,000
	Thunderstorm/Wind	9	0	\$11,500
	Flood	2	0	\$6,690,000
2015	Hail	1	0	\$0
	Lightning	1	1	\$10,000
	Flash Flood	3	0	\$2,000
	Tornado	1	0	\$5,000
	Thunderstorm/Wind	9	0	\$85,000
	Lightning	1	0	\$10,000

Date	Hazard	# of Events	Injuries	Property Damage \$	Deaths
2016	Drought	2	0	0	0
	Severe Weather	17	0	\$77,000	0
	Flood	17	0	\$30,000	0
2017	Severe Weather	19	0	\$254,000	0
2018	Drought	2	0	0	0
	Flood	4	0	0	0
	Severe Weather	3	0	\$500,000,000	1
2019	Severe Weather	31	0	\$300,000	0
2020	Drought	1	0	\$71,000	0
	Severe Weather	18	0	\$300,000	0

Source: National Centers for Environmental Information

Table 3.4 provides a summary of the data listed in Table 3.3. While disaster events related to thunderstorms and high winds occur with the most frequency, the costliest disasters, in terms of both injuries and damages, are those related to tornadoes, floods and tropical storms/hurricanes.

Table 3.4 – Hazard Events Frequency Since 1950

Hazard	Number of Events	Injuries/ Deaths	Damages
Severe Weather Thunderstorm/Wind/ Tornado/ Lightning/ Tropical Storms/ Hurricane	269	28/1	\$522,504,000
Flood/Flash Flood	41	0	\$9,829,000

1. Flooding

Risk Rating: High

Risk Probability: High

A flood, as defined by the National Flood Insurance Program is "a general and temporary condition of partial or complete inundation of two or more acres of normally dry land area or of two or more properties." Flooding is a longer-term event than flash flooding, it may last days or weeks. In comparison, a flash flood is caused by heavy or excessive rainfall in a short period of time. They are characterized by raging torrents after heavy rains that rip through riverbeds and urban streets.

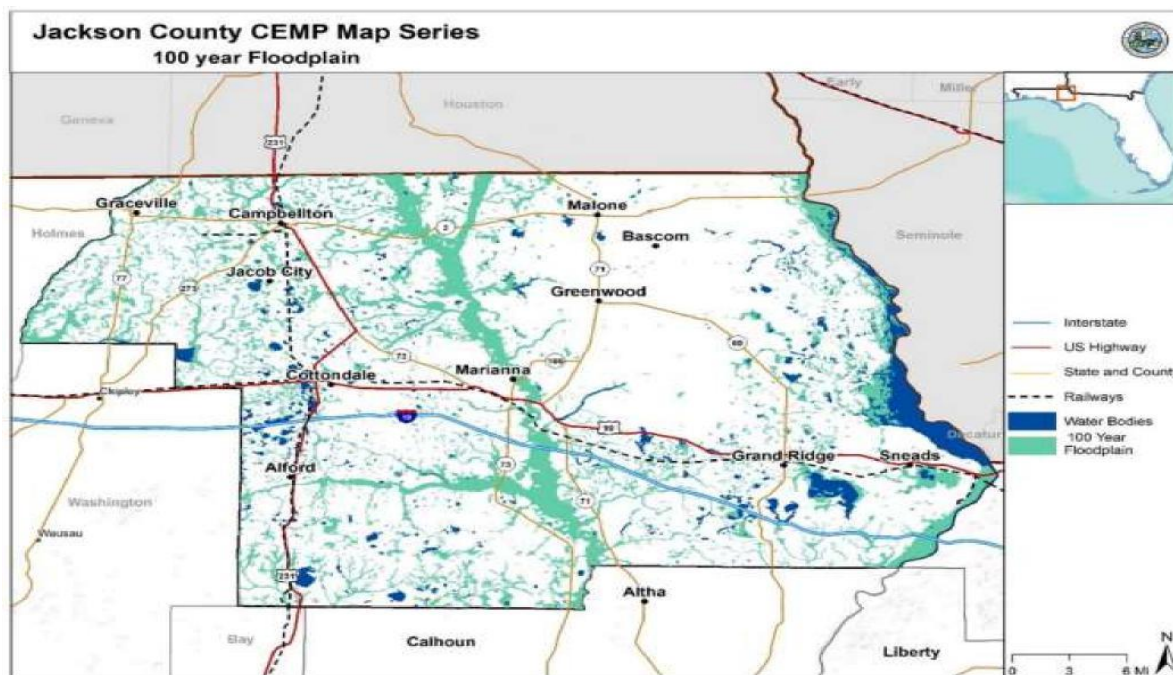


Figure 3.1: Jackson County Special 100 Year Floodplain

Location

The Chattahoochee and Apalachicola Rivers form the eastern border of Jackson County along with Lake Seminole where the borders of Florida, Georgia and Alabama meet in Lake Seminole, which is created by the Jim Woodruff Dam. The Chipola River runs from north to south in the western portion of the county near the communities of Marianna and Oakdale. Flooding is primarily the result of prolonged rain events typically associated with tropical weather systems. The County normally receives an average of 53" of rainfall per year with the majority of precipitation falling in June, July and August. Intense tropical events can produce 10-20" of rain falling in a 24-hour time period. While much of the county including the municipalities are subject to shallow flooding of less than three feet, the worst-case scenario would be that an estimated 25 to 50 habitable structures could sustain damage during a severe rain event. Damage to agriculture due to flooding would be minimal. The floodplains for the three riverine systems are not used for crops and are primary woodlands.

FEMA updated all Jackson County FL Flood Insurance Rate Maps (FIRM) December 2010. Over 25% of the land area within the county lies in the 100-year floodplain (Figure 3.1). Most of these areas are shallow flood

zones, anticipated to draw three feet of water or less. Locating areas suitable for development, as well as those areas more suitable for natural drainage functions and natural preserves is key to the flood mitigation process. In terms of the number of people and the amount of land area involved, flooding is the most serious natural disaster problem the county faces. Many of the bridges over streams and rivers throughout the county have various levels of scouring. Scour is the hole left behind when sediment (sand and rocks) is washed away from the bottom of a river. Although scour may occur at any time, scour action is especially strong during floods. Swiftly flowing water has more energy than calm water to lift and carry sediment down river. Scouring has the potential to lead to bridge failure.

Floods can impact all of Jackson County- unincorporated areas, Alford, Bascom, Campbellton, Cottondale, Graceville, Greenwood, Malone, Marianna, Grand Ridge, Sneads and Jacob City. The location of Jackson County with 3 major rivers and a large lake make all the county vulnerable to flooding.

Previous Occurrences and Impacts

Table 3.5 demonstrates the flood events at the Jim Woodruff Dam, which equate to flooding in the County. Those living along the Chipola River and north of Sneads on the Chattahoochee River are especially subject to flooding after rain events.

Table 3.5 Jim Woodruff Dam Flood Events

Year	Event	Water Level (ft)
Established flood stage level		66.0
April 2014	Extreme Weather/rainfall	76.29
April 2014	Extreme Weather/rainfall	76.07
March 1998	El Nino	76.07
July 1994	Tropical Storm Alberto	76.29
March 1990	No name storm	74.2
Dec 2015	Severe Weather	73.66
March 2020	Severe Weather	71.67
Source: NOAA Advanced Hydrologic Prediction Service		

Major Flood Stage 80ft
Moderate Stage 72 ft
Flood Stage 66ft
Action Stage 60 ft

Flood Impacts

Data provided by NOAA Advanced Hydrologic Prediction Service

- 80.6** THIS IS THE 500 YEAR FLOOD LEVEL.
- 80.0** MAJOR FLOODING WILL OCCUR.
- 79.1** THIS IS THE 200 YEAR FLOOD LEVEL.
- 78.1** THIS IS THE 100 YEAR FLOOD LEVEL. AT LEAST 60 HOMES AND SEVERAL BUSINESSES IN THE RIVER JUNCTION AREA WILL BEGIN TO FLOOD. RAILROAD TRACKS AND STATE ROAD 269 WILL ALSO START TO FLOOD.
- 76.8** THIS IS THE 50 YEAR FLOOD LEVEL.
- 75.2** THIS IS THE 25 YEAR FLOOD LEVEL.
- 72.4** THIS IS THE 10 YEAR FLOOD LEVEL.
- 69.8** THIS IS THE 5 YEAR FLOOD LEVEL.
- 66.0** THE RIVER REACHES INITIAL FLOOD STAGE. FLOODING WILL BEGIN IN THE RIVER JUNCTION AREAS OF MOSQUITO CREEK ABOUT .9 MILES FROM THE DAM.

As noted in table 3.5 a heavy rain event led to region wide flooding in April of 2014. A strong long wave trough was centered over the mid-Mississippi Valley extending south to the Gulf coast. From April 29 – 30, 2014 the region experienced extremely heavy rainfall in amounts of 6 – 10 inches on top of an already saturated water table. This led to serious flooding across portions of the Florida panhandle with several million dollars in damage, mainly to the roadway network. A FEMA disaster declaration was obtained and the estimated damage in Jackson County was over \$6.6 million.

From February 22 – 26, 2013, significant area flooding occurred across Jackson County due to prolonged periods of moderate to heavy rainfall. Four-day totals were estimated at 8-12 inches. The estimated damage was approximately \$1.8 million, mainly due to road repair.

National Flood Insurance Program and the Community Rating System

Another indication of the hazards threatening the county is the frequency with which properties are repeatedly damaged by disaster events. The properties, which may be buildings, roads, utilities, or similar construction, are termed “repetitive loss properties.” Properties can fall into this classification based on repeated damages from a variety of hazards. A specific category of repetitive loss properties is those that are insured under the NFIP and have had repeated claims for flood loss damages.

Repetitive loss properties are properties insured with NFIP that have incurred two or more losses in excess of \$1,000 that have been paid under the NFIP within any 10 year period since 1978. There are two properties in the county that meet the NFIP designation of a repetitively damaged property. There have been no additional NFIP designated repetitive flood loss properties in Alford, Bascom, Campbellton, Cottondale, Graceville, Grand Ridge, Greenwood, Malone, Marianna, Sneads, or unincorporated county.

Jurisdiction	Property Type	Damages		Total Losses
		Building	Contents	
Campbellton	Single Family	\$1,594.96	\$0	2
Marianna	Single Family	\$1,439.49	\$1,286.78	2

Table 3.6 – Repetitive Loss Properties

Nine communities in Jackson County participate in the National Flood Insurance Program (Jackson County (unincorporated), and the communities of Alford, Bascom, Campbellton, Cottondale, Graceville, Grand Ridge, Malone, Marianna and Sneads. The Town of Greenwood and Town of Jacob City are not participating) allowing their residents and businesses to purchase flood insurance. Jackson County unincorporated also participates in the Community Rating System which provides a provides a 15% discount on policies in that jurisdiction.

Table 3.7 – CRS Information for Jackson County

Community Name	Community #	CRS Class	Current CRS Discount
Alford	120580	10	\$0
Bascom	120069	10	\$0
Campbellton	120126	10	\$0
Cottdondale	120583	10	\$0
Graceville	120127	10	\$0
Grand Ridge	120128	10	\$0
Greenwood	Not participating		
Jackson County	120125	7	Unknown
Jacob City	Not participating	10	\$0
Malone	120623	10	\$0
Marianna	120129	10	\$0
Sneads	120130	10	\$0

FEMA Community Status Book, Communities Participating in the NFIP 11/12/20

In an effort to ensure continued compliance with the NFIP, the county and the participating municipalities will:

1. Continue to enforce their adopted Floodplain Management Ordinance requirements, which include regulating all new development and substantial improvements in Special Flood Hazard Areas (SFHA).
2. Continue to maintain all records pertaining to floodplain development, which shall be available for public inspection.
3. Continue to notify the public when there are proposed changes to the floodplain ordinance or Flood Insurance Rate Maps (FIRM).
4. Maintain the map and Letter of Map Change repositories.
5. Continue to promote Flood Insurance for all properties.
6. Promote the Community Rating System for all municipalities.

Much of the County is not in a FEMA Flood Hazard Area (considered Zone X). Bascom has no designated high risk areas (Zone A and AE) within it's boundaries. Much of the rest of the unincorporated county along with the other cities of Graceville, Campbellton, Malone, Greenwood, Jacob City, Marianna, Alford, Cottdondale, Grand Ridge and Sneads have at least some high risk areas. There is a designated Floodway in unincorporated parts of the county and a small portion of Marianna. Jackson County and its municipalities are vulnerable to flooding in these areas. There are numerous lakes, streams and rivers throughout the county that also contribute to possible flooding.

2. Severe Weather (includes hurricanes/tropical storms, thunderstorms/winds, tornados and lightning)

2.1 Hurricanes and Tropical Storms

Risk Rating: High

Risk Probability: High

Hurricanes and Tropical Storms impact Florida regularly during hurricane season and the effects from these storms are as equally likely to impact Jackson County. Hurricanes and Tropical Storms can impact all of Jackson County- unincorporated areas, Alford, Bascom, Campbellton, Cottondale, Graceville, Greenwood, Malone, Marianna, Grand Ridge, Sneads and Jacob City. According to NOAA's Historical Hurricane Tracks (www.coast.noaa.gov/hurricanes) since 1851, 16 hurricanes or tropical storms passed over or within 50 statute miles of Jackson County. Although the county is safe from storm surge, damage from high winds, tornadoes and rain induced flooding (standing water, river and creek overflow) poses a significant threat for widespread destruction. The historical past occurrences and proximity to the Gulf of Mexico makes Jackson County and its municipalities highly vulnerable to hurricanes and tropical storms. The development of a hurricane can be described as follows:

- Tropical Depression. This is the formative stage of a hurricane; maximum sustained winds are less than 39 MPH.
- Tropical Storm. The maximum sustained winds for a tropical storm range from 39 MPH to less than 74 MPH.
- Hurricane. The maximum sustained winds for a hurricane are greater than 74 MPH.

The Saffir-Simpson scale categorizes hurricanes according to their wind speeds, (Table 3.8). However, the scale does not address the potential for other hurricane related impacts (i.e. storm surge, rainfall-induced floods and tornadoes). The three major hazards associated with hurricanes and tropical storms are storm surge, high winds and extensive rainfall. Since Jackson County does not have a coastal border, it is the wind that produces most of the property damage associated with hurricanes. The greatest threat to life is from the associated tornadoes and flooding.

Table 3.8: Saffir-Simpson Hurricane Scale

Storm Category	Wind Speed	
	mph	Knots
5	≥156	≥135
4	131–155	114 -- 135
3	111–130	96-113
2	96–110	83-95
1	74-95	64-82
Non-Hurricane Classifications		
Tropical Storm	39–73	35-63
Tropical Depression	0–38	20-34

Impacts of Hurricanes and Tropical Storms

Hurricanes and Tropical Storms can have the following impacts on Jackson County and all eleven of its municipalities: Excessive wind; Excessive water; Soil/flash river erosion; Electric power outage; Transportation disruption; Potable water system loss or disruption; Sewer system outage; Telecommunications system outage; Human health and safety; Psychological hardship; Economic disruption; Disruption of community services; Agricultural damage; Fire; Hazardous materials releases; Storm water drainage impairment; Damage to critical environmental resources; Damage to historical resources;

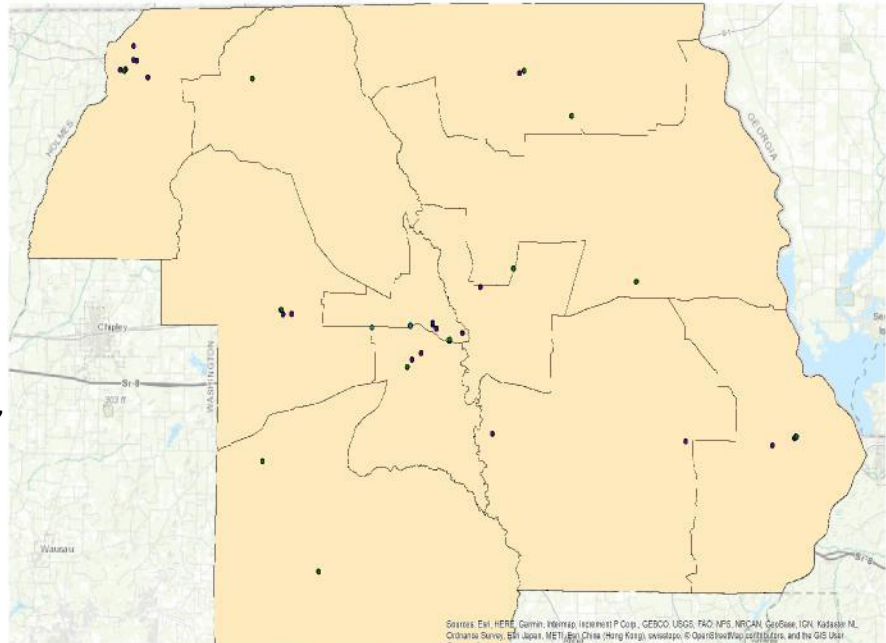
HAZUS-MH 2.2 Hurricane Wind Model

FEMA's HAZUS-MH 2.2 software is a nationally applicable standardized methodology that contains models for estimating potential losses from floods and hurricanes. It was used to model and generate estimated potential losses for hurricane winds. HAZUS-MH 2.2 is FEMA's standardized loss estimation methodology built upon an integrated GIS platform to conduct analysis at a regional level (i.e., not on a structure by-structure basis). The HAZUS-MH 2.2 risk assessment methodology is parametric, in that distinct hazard and inventory parameters (e.g., wind speed and building types) can be modeled using the software to determine the impact (i.e., damages and losses) on the built environment.

HAZUS-MH 2.2 is a loss estimation tool for planning purposes only. Uncertainties are inherent in any loss estimation methodology and arise in part from incomplete scientific knowledge concerning natural hazards and their effects on the built environment. Uncertainties also result from approximations and simplifications necessary to conduct such a study; incomplete or outdated data on inventory, demographic, or economic parameters; the unique nature and severity of each hazard when it occurs; and the amount of advance notice that residents have to prepare for the incident. As a result, potential exposure and loss estimates are approximations. Results should not be interpreted or used as precise results from and should be used only to understand relative risk.

Figure 3.2: Thematic Map of Essential Facilities with <50% Moderate

HAZUS-MH 2.2 calculates losses that are due to building and contents damage and monetary losses resulting from loss of function. Losses are not calculated for individual buildings, but instead are based on the performances of entire occupancy classes of buildings (i.e., residential, commercial and other). Based on the 100-year event scenario input into HAZUS-MH 2.2, the model estimates are depicted below.



Frequency and Previous Occurrences

In terms of frequency, the county is directly impacted by tropical storms and hurricanes every 10.5 years. The following data is an average of the data for Washington and Gadsden counties, both of which neighbor Jackson County. Although this data does not exist for Jackson County, by averaging these two neighboring county values, one can get a close approximation for the frequency values for Jackson County.

Table 3.9 – Probability of Hurricanes Impacting Jackson County

	Probability of 1 or More Named Storms Making Landfall per year	Probability of 1 or More Hurricanes Making Landfall	Probability of 1 or More Intense Hurricanes Making Landfall	Probability of Tropical Storm-Force (≥ 40 mph) Wind Gusts	Probability of Hurricane-Force (≥ 75 mph) Wind Gusts	Probability of Intense Hurricane-Force (≥ 115 mph) Wind Gusts
Jackson	.9%	.4%	.1%	8.3%	2.2%	.6%

	50 Year Probability of 1 or More Named Storms Making Landfall	50 Year Probability of 1 or More Hurricanes Making	50 Year Probability of 1 or More Intense Hurricanes Making Landfall	50 Year Probability of Tropical Storm-Force (≥ 40 mph) Wind Gusts	50 Year Probability of Hurricane-Force (≥ 75 mph) Wind Gusts	50 Year Probability of Intense Hurricane-Force (≥ 115 mph) Wind Gusts
Jackson	73.0%	42.9%	5.8%	>99.9%	96.5%	55.4%

Source: <http://landfalldisplay.geolabvirtualmaps.com/> (Washington County + Gadsden County/2)

Table 3.10 : Expected Building Damage by Occupancy : 100 - year Event

Occupancy	None		Minor		Moderate		Severe		Destruction	
	Count	(%)	Count	(%)	Count	(%)	Count	(%)	Count	(%)
Agriculture	106.41	89.42	9.49	7.97	2.15	1.81	0.88	0.74	0.07	0.06
Commercial	983.21	91.04	76.65	7.10	18.74	1.74	1.38	0.13	0.02	0.00
Education	41.58	92.40	2.96	6.58	0.44	0.99	0.02	0.03	0.00	0.00
Government	52.92	92.85	3.55	6.22	0.51	0.90	0.02	0.03	0.00	0.00
Industrial	279.97	91.20	21.52	7.01	4.51	1.47	0.94	0.31	0.06	0.02
Religion	210.46	92.31	15.64	6.86	1.84	0.81	0.06	0.03	0.00	0.00
Residential	18,509.23	92.67	1,325.97	6.64	130.12	0.65	2.32	0.01	5.37	0.03
Total	20,183.78		1,455.77		158.32		5.61		5.52	

Source: HAZUS-MH 2.2

The figure below depicts the paths of tropical storms and hurricanes passing within 50 miles of Jackson County since 1851, while Table 3.11 provides data describing tropical storms and hurricanes affecting Jackson County since 1970.

Figure 3.3: Tropical Storms/Hurricanes passing within 50 miles of Jackson County, 1851 - 2019

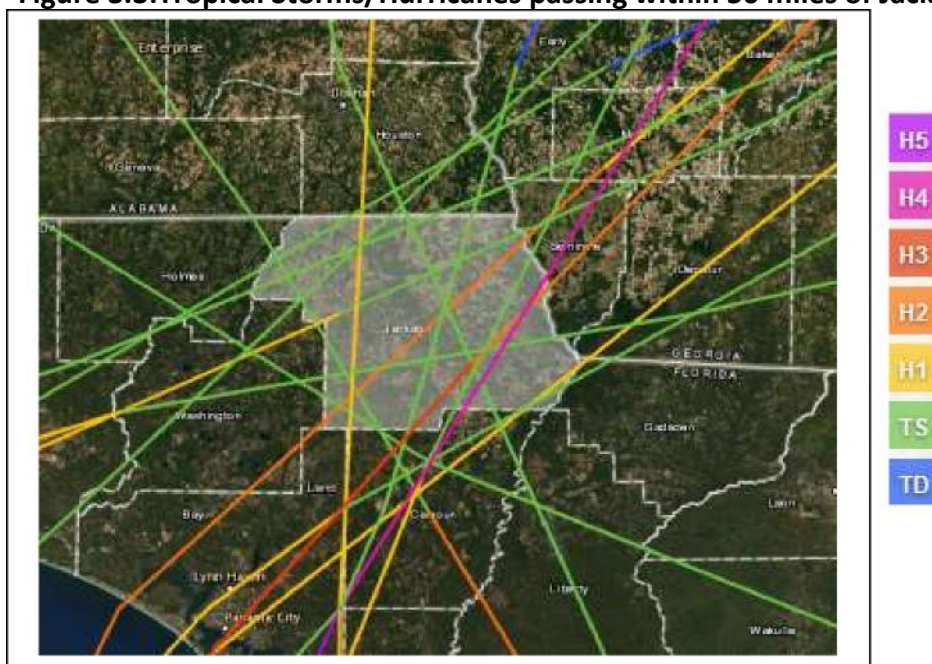


Table 3.11
Tropical Storms/Hurricanes Impacting Jackson County 1970 – 2020

Date	Name	Category	Wind Speed of Storm (MPH)
June, 1972	Agnes	1	65
August, 1994	Beryl	TS	50
October 1995	Opal	3	70
September, 1998	Earl	1	80
October, 2018	Michael	5	161
September 2004	Ivan	3	120
September 2020	Sally	2	

Source: National Oceanic and Atmospheric Administration (NOAA),
<http://coast.noaa.gov/hurricanes/>

In addition, the Jackson County also received impacts or was activated for the following storms:

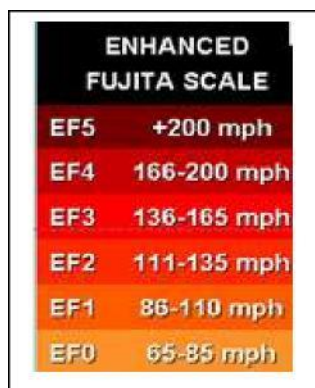
Date	Name
September 1964	TS Dora
June 1965	Unnamed TS
June 1970	TS Becky
September 1975	Hurricane Eloise
November 1985	Hurricane Kate
July 1994	TS Alberto
August 1995	Hurricane Erin
October 1995	Hurricane Opal
September 1998	TD Georges
September 2000	Hurricane Gordon
August 2001	TS Berry
August 2002	TS Bonnie
September 2004	Hurricane Frances
September 2004	Hurricane Ivan
July 2005	Hurricane Dennis
August 2016	TS Hermine
September 2017	Hurricane Irma
October 2018	Hurricane Michael
May 2018	TS Alberto
September 2020	Hurricane Sally

Given the sheer size of tropical storms and hurricanes, the vulnerable zone consists of the entire County and includes all municipalities. The entire population of the county (49,969) is vulnerable to hurricanes.

2.2 Tornado

Risk Rating: High

Risk Probability: High



ENHANCED FUJITA SCALE	
EF5	+200 mph
EF4	166-200 mph
EF3	136-165 mph
EF2	111-135 mph
EF1	86-110 mph
EF0	65-85 mph

The state of Florida ranks fourth nationally in the annual occurrence of tornadoes. The most active season is May through August with June being the peak month. Tornadoes and waterspouts are small-scale weather phenomena that occur as a vortex of rising air. Tornadoes occur over land, and waterspouts occur over water. The strength or magnitude of a tornado is based on the Enhanced Fujita Scale which involves wind speed estimates and the typical damage to determine the scale of ranking of such an event (Figure 3.4).

Figure 3.4 : Enhanced Fujita Tornado Scale

A tornado is a mobile, destructive vortex of violently rotating winds having the appearance of a funnel-shaped cloud and advancing beneath a large storm system. Between 1985 and 2019, a total of 31 tornadoes were reported in Jackson County. The County has been affected by four F-2 tornados with four people injured. According to the National Climatic Data Center, more than \$9.4 million in damages have been attributed to tornadoes in Jackson County since 1985. Jackson County residents living in older, poorly constructed or maintained manufactured housing and wood frame housing are especially at risk. The Jackson County Local Mitigation Strategy has a complete historical list of tornado events that have impacted the county in the previous 30 years.

Some examples of the damage tornadoes can cause include leveling homes, flipping mobile homes upside down, toppling large trees, picking up cars and dropping them miles away from their original location, and pushing metal shards into tree trunks. The worst damage a tornado can cause, however, is to the lives of the people involved, since injuries and fatalities are common when a tornado hits.

Tornadoes materialize at the trailing edge of large frontal cyclones that result from the clash of high pressure and low-pressure weather systems moving at continental scales across North America. Because of climatic differences, southern states like Florida experience their most violent tornadoes in winter. However, a tornado event is not limited to winter. They can also be generated during the summer in association with afternoon thunderstorms and hurricanes.

Impacts

The coastal portion of the state's Gulf Coast (between Tampa and Tallahassee), along with inland portions of the Panhandle region, have generally experienced more tornadoes than other areas of the state, primarily due to the high frequency of thunderstorms making their way east through the Gulf of Mexico. Tornadoes can impact all of Jackson County-unincorporated areas, Alford, Bascom, Campbellton, Cottondale, Graceville, Greenwood,

Malone, Marianna, Grand Ridge, Sneads and Jacob City. All of Jackson County and it's municipalities are extremely vulnerable to the occurrence of tornadoes that can occur in the hurricanes, tropical storms, and thunderstorms the county is impacted by. Tornado events can have the following potential impacts: Excessive wind; Electric power outage; Telecommunications system outage; Human Health and Safety; Psychological hardship; and Economic disruption.

Previous Occurrences

On September 15, 2004 in conjunction with the landfall of Hurricane Jeanne a strong F2 tornado touched down injuring three people, damaging 20 mobile homes and destroying 25 others. The tornado moved along an eight-mile path significantly damaging the Federal Correctional Institution and destroying the Skyes Enterprise facility. Total damage was approximately \$3 million.

On April 28, 2011, a F1 tornado touched down at the Marianna Municipal Airport causing approximately \$500,000 in damage to small Cessna airplanes and vehicles. While not a disaster event, it does show that even a small tornado can have serious impacts.

Between 1950 and 2015, a total of 41 tornadoes were reported in Jackson County. The county has been affected by four F-2 tornados with eight people injured. Jackson County residents living in older, poorly constructed or maintained manufactured housing and wood frame housing are especially at risk. Between 2016-2020 four tornadoes were recorded as indicated in Table 3.12.

Table 3.12 Jackson County FL Tornado Database - NOAA National Weather Service

Date	Time (LST)	F/EF-Scale	Length (Miles)	Maximum Width (Yards)	Fatalities	Injuries	Property Damage	Source*
1/18/1936	800 pm	F2	5	100	0	0	n/a	G
Moved NE from NE of Campbellton to near Ashford. No damage was reported in the short path in Florida.								
8/31/1950	1202 am	F0	0.1	10	0	0	\$2,500	SD, SPC
11/4/1955	1100 am	F0	0.1	10	0	0	\$250	SD, SPC
6/9/1966	600 am	F1	0.1	10	0	0	n/a	SD, SPC
6/9/1966	1005 am	F0	0.1	10	0	0	n/a	SD, SPC
3/22/1968	1230 pm	F1	0.1	10	0	0	\$25,000	SD, SPC
3/16/1972	300 pm	F1	7.7	300	0	0	\$25,000	SD, SPC
5/11/1974	245 pm	F1	0.5	20	0	0	\$2,500	SD, SPC
1/12/1975	1115 am	F2	17	50	0	15	\$250,000	G, SD
A family of tornadoes skipped northeast from the Gulf of Mexico, SW of Panama City, 170 or more miles to Turner County, Georgia. Most of the injuries were in Jackson County, as about 25 homes and trailers were torn apart.								
2/17/1975	1030 am	F1	5.4	100	0	0	\$250,000	SD, SPC
4/9/1975	1000 pm	F1	0.5	100	0	0	\$500,000	G, SD, SPC
Buildings were unroofed, trailers were overturned, and a store was torn apart in downtown Malone.								
9/13/1979	330 am	F1	1	40	0	0	\$25,000	SD, SPC
6/7/1983	820 am	F1	2	40	0	0	\$250,000	SD, SPC

10/31/1985	1036 am	F0	3	10	0	0	\$25,000	SD
2/10/1986	920 am	F1	1	10	0	0	\$250,000	SD, SPC
4/18/1988	800 pm	F1	2	30	0	0	n/a	SD, SPC
4/18/1988	800 pm	F2	15	300	0	0	\$500,000	G, SD, SPC
Moved from Malone to 5m ENE of town. One house and three mobile homes were destroyed. Two other houses were damaged.								
6/16/1989	826 am	F0	0.2	10	0	0	n/a	SD, SPC
10/1/1989	500 am	F1	0.2	10	0	1	\$250,000	SD, SPC
12/12/1989	1023 am	F1	4	50	0	0	\$250,000	SD
1/23/1992	226 am	F0	0.3	13	0	0	\$2,500	SD, SPC
10/4/1995	1240 pm	F0	0.1	20	0	0	n/a	SD, SPC
A tornado was reported by Jackson County Sheriff's Department.								
3/6/1996	205 pm	F1	7	100	0	0	\$500,000	SD, SPC
A tornado first touched down west of Malone on Highway 2 causing major damage to two homes and bringing down trees and power lines. The Pleasant Ridge church was destroyed. Further east, the tornado struck just south of Malone and damaged five homes and downed power lines.								
10/26/1997	815 am	F1	1.5	100	0	0	\$100,000	SD, SPC
An F1 tornado lifted a roof off a barn four miles west of Malone. Many large trees were toppled and some fences were destroyed.								
10/26/1997	1040 am	F0	1	100	0	0	\$75,000	SD, SPC
F0 tornado inflicted structural damage to Woolworths department store on US Highway 90 in Marianna. Numerous 12" diameter trees were snapped.								
6/5/1998	550 pm	F0	0.2	10	0	0	\$5,000	SD, SPC
Apparent gustnado caused minor damage to a local restaurant.								
3/11/2000	216 pm	F1	2	75	0	0	\$200,000	SD, SPC
An F1 tornado downed a hundred large pine trees and damaged a pump house, mobile home, and a barn. Reported by a storm spotter.								
12/16/2000	150 pm	F1	5	75	0	0	\$300,000	SD, SPC
The supercell thunderstorm which spawned an F2 tornado near Bonifay in southeastern Holmes County, tracked northeast into northwestern Jackson County. This storm produced an F1 tornado which touched down twice. The hardest hit areas were just south of Graceville along Highway 77 and near the Springhill subdivision on Highway 273. Numerous trees were uprooted, knocking out power lines as they fell. Many mobile home roofs were blown off and carports damaged. Considerable debris blocked several county roads. Nearly 3,000 customers were without power for five hours. Reported by the Jackson County EMA and Jackson County Floridan.								
3/15/2001	340 am	F2	3	300	0	0	\$500,000	SD, SPC
The F2 tornado that touched down near Wausau in southeast Washington County, raced northeast across the Washington-Jackson County line and hit the Round Lake community just south of Alford before it dissipated. Fifteen homes were severely damaged and two homes were destroyed. A gift shop on U.S. Highway 231 was destroyed. There were numerous downed trees and power lines. Reported by the Jackson County EMA.								
9/25/2002	525 pm	F0	2	75	0	1	\$150,000	SD, SPC
A tornado touched down just south of Graceville and moved northwest. Much of the damage occurred on Spruce Road, Shadow Lane and State Highway 77. Four homes were damaged. One barn was destroyed, while the roof from another barn was blown a quarter mile away. Numerous trees and power								

lines were snapped. An estimated 440 customers in Graceville were without power. A man was injured when the roof of his auto shop collapsed. Reported by the Jackson County EMA.								
3/20/2003	250 am	F2	8	300	0	3	\$500,000	SD, SPC
A tornado touched down in Cypress, just west of Grand Ridge, and traveled northeast before lifting to the north of Sneads. Two mobile homes and a single-family home were destroyed. Fifteen single-family and mobile homes were damaged. Numerous trees and power lines were down. One person was seriously injured and two sustained minor injuries. Reported by the Jackson County EMA and CAP/NWS aerial survey team.								
9/15/2004	831 pm	F2	8	500	0	3	\$3,000,000	SD, SPC
A strong F2 tornado touched down about four miles west of Cypress. It damaged 10 mobile homes and destroyed 25 others in the Gold Drive Trailer Park. Three occupants were injured. The tornado moved northwest and damaged 10 mobile homes in the Brogdon Lane Trailer Park on U.S. Highway 90 just east of Marianna. It caused significant damage to the Federal Correctional Institution and destroyed eight vehicles. Before lifting, the tornado destroyed the Sykes Enterprise facility and some vehicles near the Marianna Municipal Airport. Reported by the Jackson County EMA.								
8/25/2008	426 pm	EF0	0.2	50	0	0	n/a	SD, SPC
A tornado touched down briefly in an open field. No damage was reported.								
3/27/2009	720 am	EF0	0.2	50	0	0	\$75,000	SD, SPC
A boat dock was damaged along with several small boats being submerged on the east side of Round Lake. A nearby home was damaged. A citizen in the area reported a roaring sound with several trees uprooted.								
4/28/2011	350 am	EF1	3.0	150	0	0	\$500,000	SD, SPC
An EF1 tornado touched down at the Marianna Municipal Airport. Seven small Cessna aircraft were damaged or destroyed and several nearby homes received damage as well. Several trees were snapped in the area. The damage path was intermittent for 3 miles to the east of the airport with maximum winds estimated at 90 mph and a maximum path width of 150 yards. The monetary damage figure provided is a rough estimate. On April 27th, a historic tornado outbreak occurred across portions of central and northern Alabama and extended into central and northern Georgia. The remnants of this systems moved across the Florida Panhandle and Big Bend on April 28th in a weakened state. Still, an EF1 tornado touched down at the Marianna Municipal Airport and other wind and hail events were also reported.								
9/5/2011	1157 am	EF0	0.35	25	0	0	\$1,000	SD, SPC
A brief tornado touchdown occurred near 3164 Highway 69 NE. The public reported seeing a condensation funnel with trees uprooted and a farm tractor moved. The report was relayed by the Florida State Watch Office. This tornado occurred in association with the outer feeder bands of the remnants of Tropical Storm Lee. Monetary damage was estimated.								
8/29/2012	412 pm	EF0	0.37	25	0	0	\$0	SD, SPC
The broadcast media obtained video of a well developed and persistent funnel cloud with a brief tornado touchdown in an open area north of Greenwood and south of Dozier Road. No damage occurred.								
4/30/2014	1244 am	EF1	1.62	100	0	0	\$200,000	SD
This tornado touched down a half mile or so east of Highway 77 south of Graceville. Damage was mostly to trees, but several homes were also damaged. One was severely damaged when a large oak tree toppled onto it. Damage to trees and to one home east of Highway 77 was consistent with EF1 damage with peak winds around 110 mph. This tornado also exhibited a debris signature on dual-pol radar. Monetary damage was estimated.								
4/30/2014	1252 am	EF1	4.61	150	0	0	\$3,000	SD
A second tornado was confirmed in Jackson county starting along Highway 231 southeast of Campbellton with a few trees blown over and snapped. There was evidence of sporadic damage to trees to the north-								

northeast. The second, and more significant area of damage was to a grove of pine trees east of Campbellton along Highway 2. There was clear evidence of a tornado at this location consistent with higher end EF1 damage. There was no evidence of damage very far to the northeast of this road. Peak winds were estimated to be around 110 mph, and this tornado produced a debris signature on dual-pol radar. Monetary damage was estimated.

10/14/2014	200 am	EF0	1.73	20	0	0	\$20,000	SD
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Most of the damage from this tornado was limited to trees about 0.6 miles east of the Cottondale airport. However, one house had a garage door blown in and some of the roof structure removed. The tornado was rated EF0 with winds estimated at 75 to 80 mph. A small debris signature was also seen on KEVX dual-pol radar. Monetary damage was estimated.

11/17/2014	557 am	EF0	0.50	50	0	0	\$5,000	SD
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Three mobile homes were damaged by a brief EF0 tornado near Grand Ridge. Monetary damage was estimated.

4/19/2015	847 am	EF1	1.73	200	0	0	\$5,000	SD
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02/11/18	328 am	EF0	Unk	Unk	0	0	\$25,000	NWS Tall
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3/3/2019	1737	EF1	Unk	Unk	0	0	\$5,000	NWS Tall
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4/23/2020	1500	EF2	Unk	Unk	0	0	\$250,000	NWS Tall
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2.3 Thunderstorms

Risk Rating: High; Risk Probability: High

Similar to most counties in Florida, Jackson County and all of the municipalities including unincorporated areas, Alford, Bascom, Campbellton, Cottondale, Graceville, Greenwood, Malone, Marianna, Grand Ridge, Sneads and Jacob City receive many thunderstorms every year, some of which are severe and cause damages. A thunderstorm, also known as an electrical storm, a lightning storm, a thundershower or simply a storm is a form of weather accompanied by lightning, thunder, wind and sometimes hail. They occur when moist air near the ground becomes heated, especially during the summers in Jackson County. The air then raises forming clouds that produce precipitation. Ordinarily, thunderstorms cause little damage unless it grows in strength and reaches the severe level. The National Weather Service defines this as having large hail of at least 1 inch (2.5 cm), surface wind speeds of 58 miles per hour (93 km/h) or greater. The conditions that occur for thunderstorms to form are frequent in all areas of Jackson County and therefore, make the entire county very vulnerable to its impacts.

Hazardous conditions associated with thunderstorms include tornadoes, lightning, hailstorms, flash flooding, downburst and microburst winds. Strong “downbursts” (winds) are concentrated, straight-line winds created by falling rain and sinking air that exceed 125 mph. A separate wind phenomenon is the microburst, which are narrowly concentrated downdrafts that can exceed speeds of 150 mph. Every thunderstorm produces lightning, which kills more people each year than tornadoes or hurricanes. Heavy rain from thunderstorms can cause flash flooding, and high winds can damage homes and blow down trees and utility poles, causing widespread power outages.

Previous Occurrences and Impacts

The entire county is at risk to thunderstorms and they can impact any part of the population. Thunderstorms are common in Jackson County and according to the National Climatic Data Center, between 1985 -2019 there have been 225 significant thunderstorm wind events, causing more than \$2.38M in damages. Table 3.13 indicates 8 events with property damages more than \$5,000 2016-2020 according to NOAA.

Location	County	State	Date	Type	Mag	Death	Injury	Property Damage
Marianna	Jackson	FL	2/15/2016	Thunderstorm	65 kts	0	0	30K
Cottdondale Arpt	Jackson	FL	2/24/2016	Thunderstorm	50 kts	0	0	25K
Greenwood	Jackson	FL	3/24/2016	Thunderstorm	60 kts	0	0	10K
Kynesville	Jackson	FL	1/19/2019	Thunderstorm	50 kts	0	0	50K
Greenwood	Jackson	FL	4/13/2020	Thunderstorm	55 kts.	0	0	5K
Graceville	Jackson	FL	4/19/2020	Thunderstorm	50kts	0	0	10K
Cottdondale	Jackson	FL	4/23/2020	Thunderstorm	55 kts.	0	0	5K
Simsville	Jackson	FL	4/23/2020	Thunderstorm	50 Kts	0	0	25K

Table 3.13 Thunderstorms <\$5K Damages 2016-2020 (NCDC NOAA Storm Events Database)

2.4 Lightning

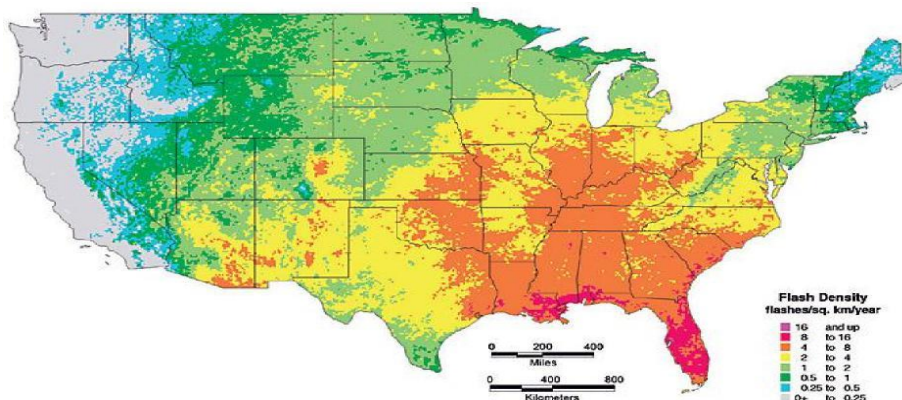
Risk Rating: High Risk Probability: High

Lightning is an electrical discharge that results from the buildup of positive and negative charges within a thunderstorm. When the buildup becomes strong enough, lightning appears as a "bolt." This flash of light usually occurs within the clouds or between the clouds and the ground. A bolt of lightning reaches a temperature approaching 50,000 degrees Fahrenheit in a split second.

Lightning resulting from thunderstorms is common in the county. It also occurs during other severe storms such as tornadoes, tropical storms, and hurricanes. Lightning can be severe and cause property damage such as house fires, however, when lightning producing storms do occur it rarely causes significant property damage. Lightning can impact all of Jackson County- unincorporated areas, Alford, Bascom, Campbellton, Cottdondale, Graceville, Greenwood, Malone, Marianna, Grand Ridge, Sneads and Jacob City.

Due to the limited lightning risk for the county and the relatively small size of the county's municipalities along with limited or non-existent data establishing individual municipal risk assessments was not possible. The assumption is made that the county's municipalities are at the same risk to lightning as the unincorporated county is.

Figure 3.5: Lightning Flash Density



Previous Occurrences and Impacts

On June 24, 2013 lightning associated with a thunderstorm struck a house in Jackson County causing a house fire with estimated damages of \$600,000.

On July 28, 2014, an unusual lightning event occurred where lightning struck a moving car and injured the driver of the vehicle. While there was minimal property damage, this occurrence is an indication that lightning is a greater risk than some other hazards. No further occurrences of any significant property damage have been tracked for Jackson County 2015-2020.

A worst case scenario for lightning strikes during a single thunderstorm would be two to three structural fires.

3.0 Drought

Risk Rating: Medium

Probability: Medium

A drought is a prolonged period of abnormally low rainfall, leading to a shortage of water. A drought can impact all of Jackson County- unincorporated areas, Alford, Bascom, Campbellton, Cottondale, Graceville, Greenwood, Malone, Marianna, Grand Ridge, Sneads and Jacob City. Droughts occur when a long period passes without substantial rainfall. A heat wave combined with a drought is a very dangerous situation. Jackson County is the most susceptible to droughts during late spring and mid-summer. Drought represents the greatest threat to the agricultural industry of Jackson County and is a contributing cause to wildfires. Drought also contributes to the spread of the Southern Pine Beetle, which is spreading through pine forests at an alarming rate through the Southeastern United States, including Jackson County. The entire county (unincorporated areas and all of its municipalities) is vulnerable to droughts due to the location of the county and the possibility of no rainfall and high temperatures during spring and summer or extremely low temperatures in winter months.

Jackson County is in the northern portion of the state and a severe freeze can be expected once every 5+ years. According to the local Farm Services Agency, the agricultural industry in Jackson County has not suffered significant losses from freezes in recent years. Droughts were recorded in Jackson County zone by NCDC, NOAA 11/15/2016, 12/1/2016, 1/9/2018 and 10/8/2018 with no property damages. No other droughts have been recorded 2016-2020. The agricultural industry in Jackson County contributes a large percentage to the local economy and is very susceptible to damage from a severe freeze. These hazards are covered elsewhere in the hazard analysis. The county's elderly population (8,589) and individuals living in residences without adequate heating or cooling are at greatest risk from prolonged periods of extreme temperatures. The total estimated population at risk to this hazard is 9,000.

The Keetch-Byram drought index (KBDI) is a continuous reference scale for estimating the dryness of the soil and duff layers. The index increases for each day without rain (the amount of increase depends on the daily high temperature) and decreases when it rains. The scale ranges from 0-800. The range of the index is determined by assuming that there is 8 inches of moisture in a saturated soil that is readily available to the vegetation. A prolonged drought (high KBDI) influences fire intensity largely because more fuel is available for combustion. In addition, the drying of organic material in the soil can lead to increased difficulty in fire suppression. High

KBDI values are an indication that conditions are favorable for the occurrence of wildfires but drought is not by itself a prerequisite for wildfires. Other factors such as wind, temperature, humidity play a major role in determining the actual fire danger.

Previous Occurrences and Impacts

The last occurrence of extended drought took place from 2010 – 2012 with 27 consecutive months of drought conditions. There are no historical impacts of drought or heat wave in the county. Possible future impacts of drought include reduced crop, rangeland, and forest productivity; increased fire hazard; reduced water levels; increased livestock and wildlife mortality rates and damage to wildlife and fish habitat. Possible future social impacts include public safety and health, conflicts between water users, reduced quality of life and inequities in the distribution of impacts and disaster relief.

Income loss is another indicator used in assessing the impacts of drought, reduced income for farmers has a ripple effect throughout the region's economy (National Drought Mitigation Center). Possible impacts of heat wave relate to the population of the county and include heatstroke/sunstroke, heat cramps and heat exhaustion.

There have been several severe winter storms to impact the region, most notably the No Name Storm that occurred in March of 1993. Jackson County was impacted by freezing rain and high wind during this event. The most recent winter storm to impact Jackson County took place in late January of 2014 when the region was impacted by a trough of arctic air followed by a secondary cold front. Freezing rain and sleet impacted several roadways and parts of I-10. At some point during the storm all bridges were closed due to icy conditions. This impacted the shipping/trucking industry and caused \$200,000 in property damage.

Table 3.14 Monthly Rainfall Data – NFREC Marianna 1952-2018

<http://fawn.ifas.ufl.edu> FAWN, UF/IFAS North Florida Research & Education Center

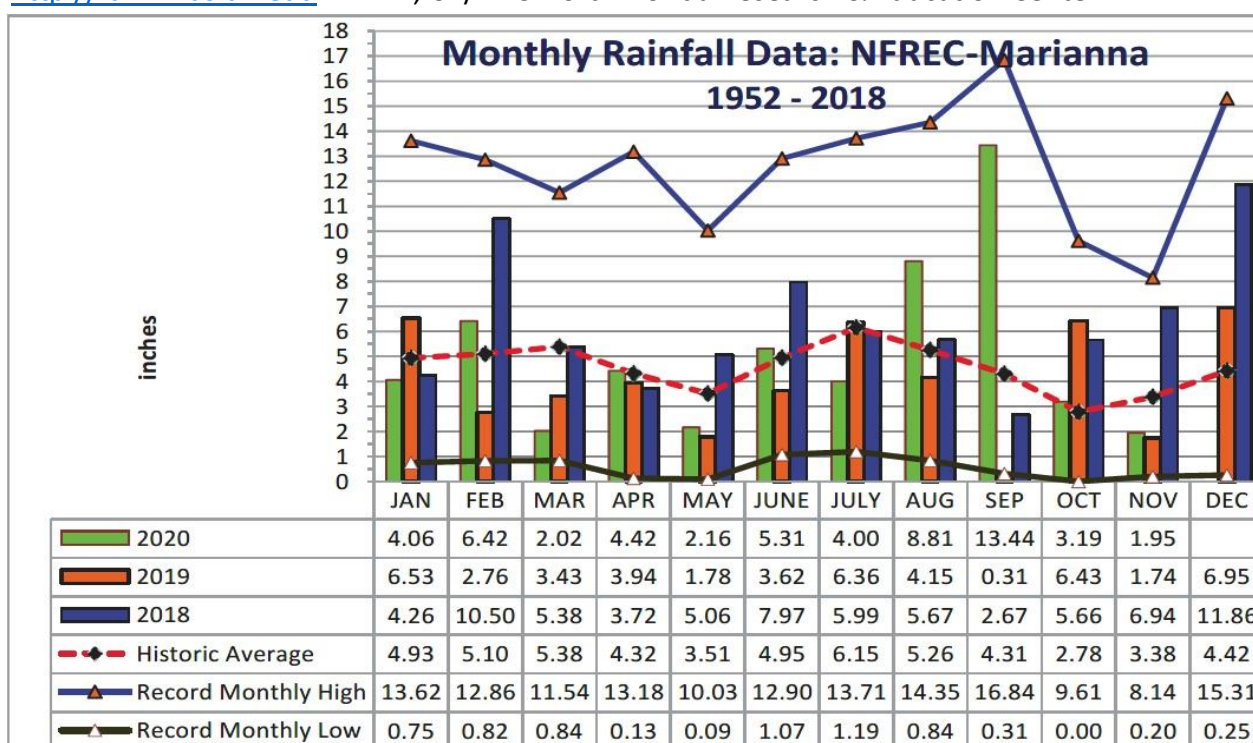


Table 3.15 - Jackson County Monthly Cumulative Rainfall 1997-2020

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC
1997	6.68	11.97	14.60	24.68	30.59	37.00	42.73	47.38	51.16	53.26	60.11	68.55
1998	6.28	14.58	20.69	22.93	24.38	26.73	31.10	33.30	49.61	49.91	51.96	53.94
1999	6.95	9.85	13.46	14.96	21.67	30.66	39.30	43.32	47.65	50.78	54.34	56.84
2000	3.78	8.74	13.22	17.27	17.36	21.36	24.76	31.91	39.11	39.82	44.25	47.46
2001	2.16	2.98	12.98	14.97	17.49	25.73	30.39	38.60	40.50	42.01	43.71	44.49
2002	3.82	6.26	11.77	17.55	19.74	23.19	33.53	36.83	48.66	56.02	63.78	69.77
2003	2.30	9.33	17.51	22.40	25.51	31.62	39.46	45.45	47.84	51.42	54.46	57.58
2004	3.19	10.85	11.75	16.12	17.31	23.97	28.89	30.56	40.57	44.46	49.43	52.68
2005	3.33	5.64	14.69	21.73	23.40	30.87	40.31	52.02	53.64	53.67	56.82	61.63
2006	4.82	8.72	9.63	11.24	16.21	18.20	20.42	25.60	26.51	29.60	33.01	38.44
2007	5.99	8.44	9.54	10.53	12.10	16.07	20.01	24.19	25.46	30.25	32.14	36.17
2008	4.26	13.26	22.37	26.65	28.11	36.75	40.77	50.06	50.80	55.91	59.09	67.32
2009	2.33	5.59	12.70	20.43	29.60	32.38	36.26	39.45	44.67	48.06	50.41	59.98
2010	7.53	11.52	14.93	18.94	24.03	26.95	29.26	30.10	31.43	31.65	37.47	38.10
2011	4.33	8.37	13.37	14.29	15.07	16.73	21.84	23.71	25.97	27.81	29.75	33.50
2012	3.79	11.28	17.22	20.39	21.81	29.16	34.21	48.56	53.73	55.48	56.78	60.88
2013	1.05	13.91	16.90	20.44	21.08	24.80	38.19	51.36	53.50	55.46	59.37	63.81
2014	2.15	7.14	14.84	28.02	32.05	34.37	40.06	42.61	48.64	50.67	56.60	61.92
2015	3.40	7.20	9.37	18.89	22.44	26.48	31.33	34.08	38.23	39.23	46.56	55.23
2016	4.80	8.31	16.46	21.40	23.14	26.63	29.42	36.70	40.89	41.11	41.91	54.24
2017	7.28	11.06	13.17	15.29	19.57	31.10	37.92	42.39	46.14	47.11	47.31	50.07
2018	4.26	14.76	20.14	23.86	28.92	36.89	42.88	48.55	51.22	56.88	63.82	75.68
2019	6.53	9.29	12.72	16.66	18.44	22.06	28.42	32.57	32.88	39.31	41.05	48.00
2020	4.06	10.48	12.50	16.92	19.08	24.39	28.39	37.20	50.64	53.83	55.78	
Deviation from the Average Accumulation												
Inches	-0.87	0.45	-2.91	-2.81	-4.16	-3.80	-5.95	-2.39	6.74	7.15	5.71	#VALUE!
Average Accumulation, 1952-2019												
Inches	4.93	10.03	15.41	19.73	23.24	28.19	34.34	39.59	43.90	46.68	50.07	54.49
Record High/Low Accumulation												
LOW	0.75	2.98	6.33	9.48	11.98	14.05	18.72	21.56	23.28	24.58	27.24	28.68
HIGH	13.62	17.61	26.06	33.49	41.41	46.71	57.38	61.27	63.36	70.77	74.12	80.56

UF/IFAS Extension North Florida Research & Education Center, Marianna FL

4.0 Sinkholes

Risk Rating: Medium

Risk Probability: Medium

A sinkhole, also known as a cenote, sink, sink-hole, swallet, swallow hole, or doline, is a depression or hole in the ground caused by some form of collapse of the surface layer. Most are caused by karst processes – the chemical dissolution of carbonate rocks or suffusion processes. All of Jackson County lies within the Dougherty Karsts Region where limestone comprises a major geological aspect of the Floridan Aquifer. This aquifer system is located at or near land surface making Jackson County somewhat vulnerable to sinkholes. Sinkholes can impact all of Jackson County- unincorporated areas, Alford, Bascom, Campbellton, Cottondale, Graceville, Greenwood, Malone, Marianna, Grand Ridge, Sneads and Jacob City. The outer portions of the county are most vulnerable to sinkholes – see the description of Area III in Figure 3.7

Previous Occurrences and Impacts

There have been approximately 28 sinkholes reports in the past 40 years. The largest sinkhole occurred in Marianna, and was 51' long, 25' wide, and 17' deep. On March 14, 2014, a sinkhole opened up on U.S. Hwy 231 at Rambo Road closing the southbound lane. From 2011 through 2015 there have been 14 small sinkholes impacting local roadways. There has been no significant damage caused to date by a sink hole. Between 2015 and 2020, there were 20 reported sinkholes with no significant damage.

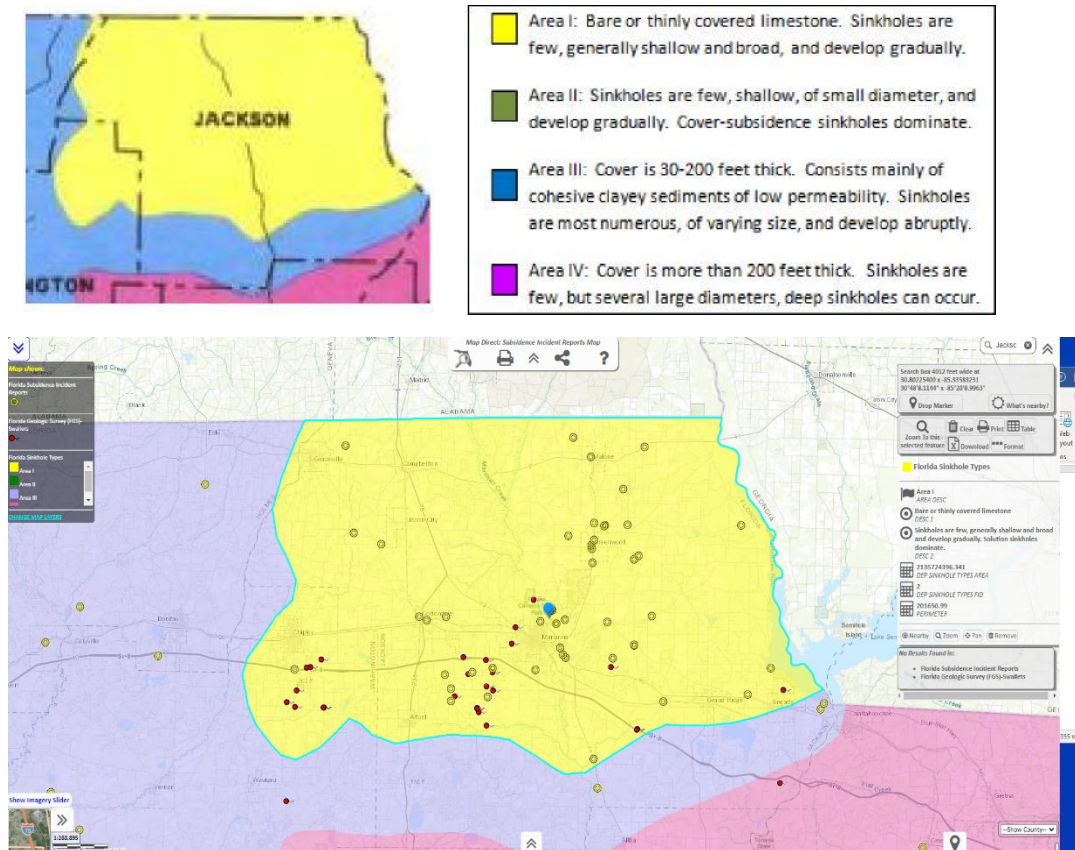


Figure 3.7: Sinkhole Potential for Jackson County

Sinkholes in Jackson County Source: FL Dept of Environmental Protection

The impacts of a sinkhole can vary greatly from road closures, building damage and impacts to the drinking water supply. The worst-case scenario that could occur in Jackson County, including all municipalities, is a sinkhole at a site containing hazardous materials. Such an occurrence could impact the surrounding community, the water supply and the ecosystem.

While geologists have an idea where sinkholes are likely to form, it is difficult to accurately predict specifically where sinkholes will occur. The entire County is at equal risk and vulnerability. The primary risk is the collapse of a structure and/or infrastructure due to the ground giving way. It is unlikely that sinkholes will cause widespread or significant loss of life or property damage.

5.0 Infestation/Disease/Pandemic

Risk Rating: Medium

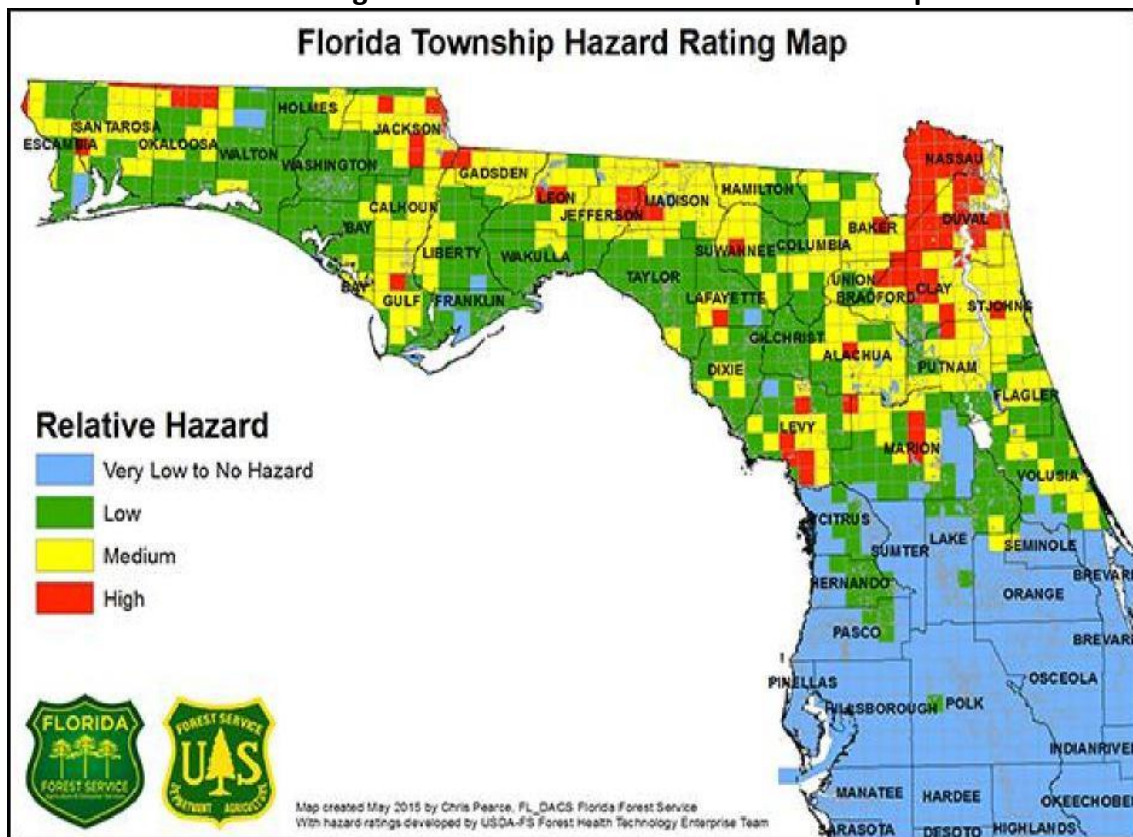
Risk Probability: Medium

Infestation is the state of being invaded or overrun by something. In hazard mitigation, infestation usually refers to parasites, insects or rodents. Typically, disease is linked to infestation because “pests” that overrun an area carry disease with them, infecting plants, animals and humans. Infestation, Disease, and Pandemics can impact all of Jackson County- unincorporated areas, Alford, Bascom, Campbellton, Cottondale, Graceville, Greenwood, Malone, Marianna, Grand Ridge, Sneads and Jacob City..

Due to the relatively small size of the county’s municipalities along with limited or non-existent data establishing individual municipal risk assessments was not possible. The assumption is made that the county’s municipalities are at the same risk to infestation/disease as the unincorporated county is.

Annually, the Southern Pine Beetle destroys portions of the pine forests throughout the county. According to the Florida Department of Agriculture and Consumer Services – Florida Forest Service, approximately 15% of the standing pine trees are infested with the pine beetle, and will die. The Southern Pine Beetles present a medium to high risk throughout most of the county. The following map shows the Southern Pine Beetle hazard rating for various parts of the county.

Figure 3.8: Southern Pine Beetle Hazard Map



The FDACS, Division of Food Safety (DFS) is responsible for assuring the public of a safe, wholesome and properly represented food supply through permitting and inspection of food establishments, inspection of food products and performance of specialized laboratory analyses on a variety of food products sold or produced in the State. DFS monitors food from farm through processing and distribution to the retail point of purchase. The financial consequences of an agricultural infestation and/or disease could be devastating to the county.

The Florida Panhandle, including Jackson County, saw a dramatic increase in the number of reported cases of West Nile Virus (WNV) between 2012 and 2013. One reported case of WNV was reported in Jackson County in 2012, and another two in 2013, causing the Florida Department of Health in Jackson County to issue public health alerts and preventative measures. The Florida Department of Health continuously monitors for the outbreak of disease, however it is difficult to fully predict and mitigate the next potential epidemic.

The 2020 Covid 19 pandemic has unprecedented impacts on the worldwide economy, employment, schools, sports, -literally every aspect of life for residents, businesses, and government. Social distancing has forced the need for virtual meetings and to create new ways to continue to live and work.

6.0 Urban/Wildfires

Risk Rating: High; Risk Probability: High

As described by the Florida Forest Services (FFS), the Wildland Interface (WUI) "refers to that geographical where two diverse systems - wildland and urban - meet and affect each other and give rise to conflicts between societal values and expectations concerning the management of natural resources." The major problem resulting from the WUI interface is wildfire. The US Federal Register defines the wildland-urban interface qualitatively as a place where "humans and their development meet or intermix with wildland fuel." Communities that are within 0.5 miles of the zone are included. A quantitative definition is also provided which defines WUI areas as those containing at least one housing unit per 40 acres. A wildfire is any fire occurring in wildlands (i.e., grasslands, forest, brush land, etc.). Prescription burning is the process of igniting fires under selected conditions, in accordance with strict parameters. Wildfires have burned across the woodlands of Florida for centuries and are part of the natural management of much of Florida's ecosystems. Forest fires from natural causes such as lightning account for only a very small percentage of Florida's wildfires, whereas man is by far the leading cause of wildfires. Forest land is continuously susceptible to destruction by wildfires. Wildfires can impact all of Jackson County- unincorporated areas, Alford, Bascom, Campbellton, Cottondale, Graceville, Greenwood, Malone, Marianna, Grand Ridge, Sneads and Jacob City. The entire county along with its municipalities are vulnerable to Urban/wildfires due to the rural nature of the county, weather conditions, and interactions with manmade occurrences.

There are two primary types of fires:

- Surface Fire - spreads through surface fuel without consuming any overlying canopy fuel. Surface fuels include grass, timber litter, shrub/brush, slash and other dead or live vegetation within about 6 feet of the ground.

- Canopy Fire (Passive) - A type of crown fire in which the crowns of individual trees or small groups of trees burn, but solid flaming in the canopy cannot be maintained except for short periods.
- Canopy (Active) - A crown fire in which the entire fuel complex (canopy) is involved in flame, but the crowning phase remains dependent on heat released from surface fuel for continued spread.

On an annual basis, the various fire departments respond to brush/forest fires, structure fires, vehicle accidents and vehicle fires. It is estimated that 93% or 46,715 people live within the WUI.

The table below provides information on fires in Jackson County between 2016 and 2020, including the total acres burned and the cause of fires. A majority of wildfires have been caused by debris burning that has gotten out of control.

Table 3.16 – Florida Forest Services Reported Fires by Cause, 2016 2020

Cause	Fires	Percent	Acres	Percent
Campfire	3	1.05	3.9	0.36
Children	3	1.05	2.4	0.22
Debris Burn*	0	0	0.0	0
Debris Burn--Auth--Broadcast/Acreage	10	3.48	74.7	6.82
Debris Burn--Auth--Piles	14	4.88	97.4	8.90
Debris Burn--Auth--Yard Trash	3	1.05	3.2	0.29
Debris Burn--Nonauth--Broadcast/Acreage	9	3.14	163.1	14.90
Debris Burn--Nonauth--Piles	21	7.32	71.1	6.49
Debris Burn--Nonauth--Yard Trash	82	28.57	102.0	9.32
Equipment use*	0	0	0.0	0
Equipment--Agriculture	16	5.57	199.3	18.21 -i
Equipment--Logging	5	1.74	2.3	0.21
Equipment--Recreation	4	1.39	7.8	0.71
Equipment--Transportation	30	10.45	114.2	10.43
Incendiary	29	10.10	117.0	10.69
Lightning	3	1.05	0.7	0.06
Miscellaneous --Breakout	0	0	0.0	0
Miscellaneous --Electric Fence	1	0.35	0.1	0.01
Miscellaneous --Fireworks	0	0	0.0	0
Miscellaneous --Power Lines	17	5.92	71.5	6.53
Miscellaneous --Structure	7	2.44	4.9	0.45
Miscellaneous--Other	5	1.74	6.5	0.59
Railroad	0	0	0.0	0
Smoking	1	0.35	1.0	0.09
Unknown	24	8.36	51.6	4.71
Total Acres Burned - 1094.7				

Florida Forest Service, FL Dept of Agriculture and Consumer Services www.FDACS.gov

There was a total of 1,996 calls responded to for Wildfire in Jackson County by the eleven (11) Fire Departments in the County in addition to Table 3.16. Florida Forestry has expressed concern of an increased fire load hazard after Hurricane Michael. Massive dead timber from the Hurricane also creates access problems to remote areas during wildfires. Economic impacts from Hurricane Michael are estimated at \$1.3 Billion from timber harvest and \$179 Million agricultural crops that were to be harvested in the fall of 2018 that were lost. (Data from the University of Florida IFAS Estimated Impact of Hurricane Michael 2018/12/03)

7.0 Extreme Temperatures

Risk Rating: Medium

Risk Probability: Medium

Extreme weather or extreme climate events includes unexpected, unusual severe, or unseasonal weather at the extremes of the historical distribution—the range that has been seen in the past. Often, extreme events are based on a location's recorded weather history and defined as lying in the most unusual ten percent. Temperatures that hover 10 degrees or more above the average high temperature for the region and last for several weeks are defined as extreme heat. Humid or muggy conditions, which add to the discomfort of high temperatures, occur when a "dome" of high atmospheric pressure traps hazy, damp air near the ground. Extreme temperatures can impact all of Jackson County- unincorporated areas, Alford, Bascom, Campbellton, Cottondale, Graceville, Greenwood, Malone, Marianna, Grand Ridge, Sneads and Jacob City. Jackson County and its municipalities are vulnerable to extreme temperatures due to its location in the state and proximity to any major water sources such as the Gulf of Mexico which could keep temperatures more stable.

Jackson County is located in the northern portion of the state and a severe freeze can be expected once every 5+ years. According to the local Farm Services Agency, the agricultural industry in Jackson County has not suffered significant losses from freezes in recent years. The agricultural industry in Jackson County contributes a large percentage to the local economy and is very susceptible to damage from a severe freeze. There have been several severe winter storms to impact the region, most notably the No Name Storm that occurred in March of 1993. Jackson County was impacted by freezing rain and high wind during this event. The most recent winter storm to impact Jackson County took place in late January of 2014 when the region was impacted by a trough of arctic air followed by a secondary cold front. Freezing rain and sleet impacted several roadways and parts of I-10. At some point during the storm all bridges were closed due to icy conditions. This impacted the shipping/trucking industry and caused \$200,000 in property damage. One drought was recorded 10/8/2018, one Winter Weather 1/17/2018 with no property damages. No other heat, droughts, or severe freezes have been recorded 2016-2020. The highest recorded temperature was 107 degrees on 8/30/2000. The lowest recorded temperature is -5 degrees on 1/27/1940. Severe winter storms include snow, sleet, freezing rain, or a mix of these wintry forms of precipitation. Ice storms occur when moisture falls and freezes immediately on trees, power lines, communication towers, roads, and other hard surfaces. Downed trees and ice can cause widespread power outages, property damage, and fatalities and injuries to humans and animals. Extreme heat can also create dangerous conditions including drought and wildfires. The county's elderly population (9,528) and individuals living in residences without adequate heating or cooling are at greatest risk from prolonged periods of extreme temperatures.

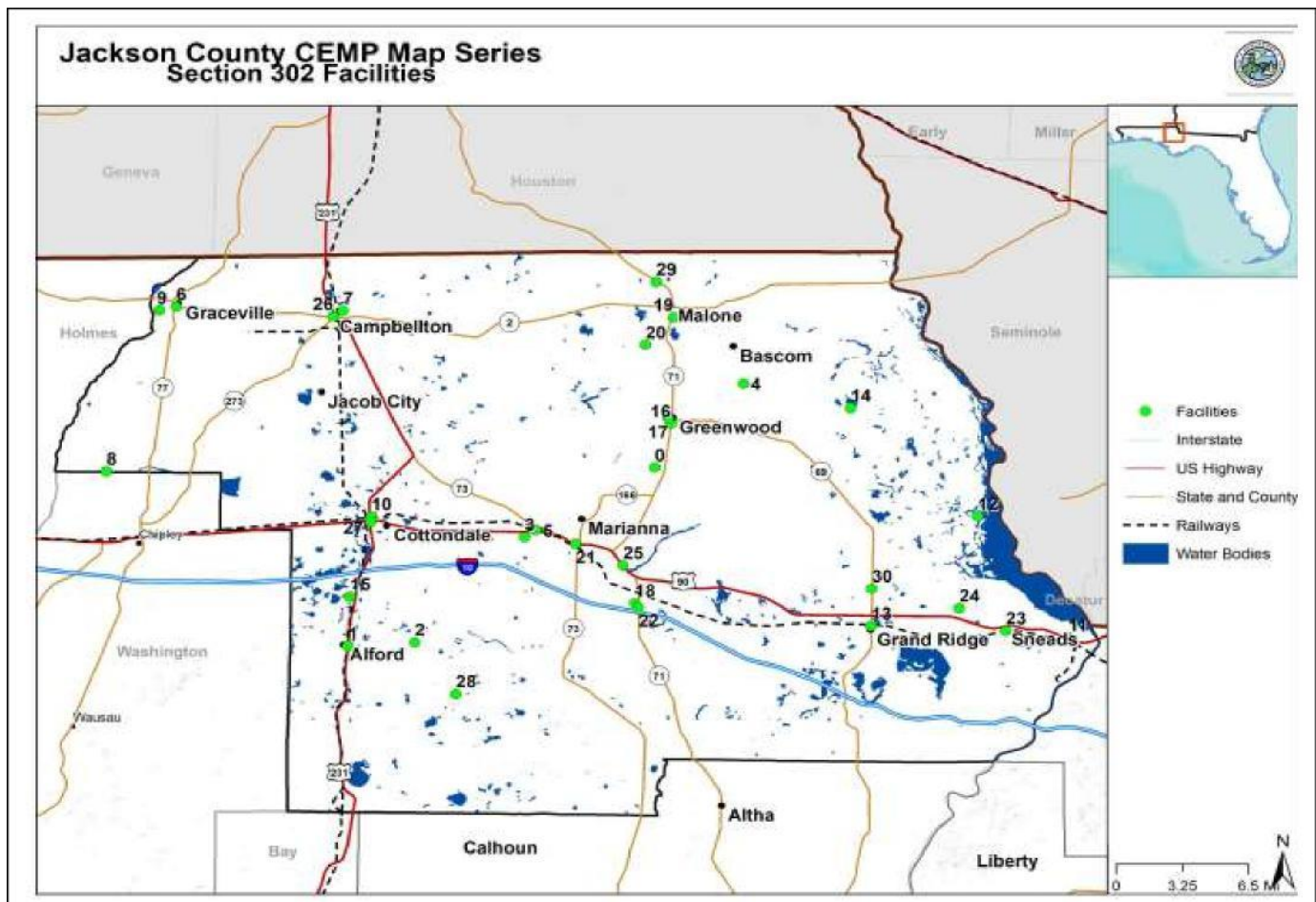
8.0 Hazardous Materials

Risk Rating: Medium

Probability: Low

Jackson County is exposed to a number of hazardous materials daily and if an accident were to occur, it could have an adverse effect on the people, property and economy. Jackson County has several industries that have hazardous materials delivered to them daily by freight truck, pipeline, and railroad cars over the County's transportation network. Many of the municipalities have water systems that depend on chlorine as a disinfectant. All delivery systems are subject to failure at some point, resulting in a release of hazardous materials.

Figure 12: Section 302 Facilities in Jackson County



Map #	Facility Name	Map #	Facility Name	Map #	Facility Name
0	Agency for Persons with Disabilities	11	DOC Apalachee East Unit	22	Pilot Travel Center #374
1	Alford FL Hut	12	DOC Apalachee West Unit	23	CenturyLink - Sneads
2	Alford Substation	13	Grand Ridge FL Co - Embarq	24	Sneads Substation
3	AT&T – M0IQ1	14	Grand Ridge FL Lovedale Remote #3 – Embarq	25	TA Marianna
4	Bascom Substation	15	Green Circle Substation	26	Verizon Wireless – ATT Campbellton
5	Baxter’s Asphalt and Concrete, Inc.	16	Greenwood FL Co Hut - Embarq	27	Verizon Wireless – Dilmore Cottondale
6	Bellsouth – Cliff St	17	Golden Peanut Company, LLC	28	Verizon Wireless – Skyway Glass Marianna
7	Campbellton Substation	18	Lowes of Marianna	29	Verizon Wireless – Skyway Malone Williams
8	Chipleys Service Center	19	Malone FL Co – Embar1	30	West Grand Ridge Switching Substation
9	City of Graceville - WWTP	20	Malone Substation		
10	Cottondale FL Co - Embarq	21	Marianna FL Co/OFC – Embarq		

The location of the accident would greatly affect the severity of the situation. Much of Jackson County is rural residential or agricultural. Many properties have sheds, barns and storage buildings, which contain a mixed group of chemicals. Paints, insecticides, fertilizers, petroleum products, lubricants and other common household or agricultural products may be found in these locations. Any combination of these substances if released into the environment could result in a serious situation requiring clean up, and potentially the short-term evacuation of residents from their homes and businesses.

a. Fixed Facilities

There are 31 facilities in the County that store extremely hazardous substances (EHSs) above the minimum threshold planning quantity (TPQ) designated by the U.S. Environmental Protection Agency. Approximately 15 of these sites store chlorine gas, which is used for disinfecting water. The County also has a number of facilities storing large quantities of pesticides and herbicides. Vulnerable zones for facilities storing hazardous chemicals range from 0.1 miles to 10.0 miles depending on the chemical and the quantity released. For additional information, consult the Jackson County Fixed Facility Hazard Analyses in the EOC. (See Figure 12 above)

b. Hazardous Materials Transportation

Although most residents tend to focus on hazardous materials stored at facilities located near where they live, a significant quantity of hazardous chemicals are transported via road, rail, and pipeline. The Apalachee Local Emergency Planning Committee (LEPC) completed its most recent Commodity Flow Study for the nine-county Region in 2016. During a six-month study period, nearly 800 commercial highway loads were documented, and all rail freight was reviewed.

This study determined that Flammable Liquids (Non-Polar/Water-Immiscible liquids including Gasoline, Gasohol, Motor Spirit, Elevated Temperature Liquid, and Diesel Fuel) make up 75.1% of the hazardous materials transported by highway and 9.75% of hazardous materials transported by rail in the Region. Flammable liquids are transported on every major road in the Region, with the majority being observed on Interstate 10 and US 27. Other transportation routes include US 98, US 90, US 19, US 319, and US 231. The primary road corridors used to transfer hazardous chemicals in and through Jackson County include Interstate 10, US 90 and US 231. Data is not available describing hazardous commodities such as propane and gasoline which are also shipped on county and state roads in Jackson County.

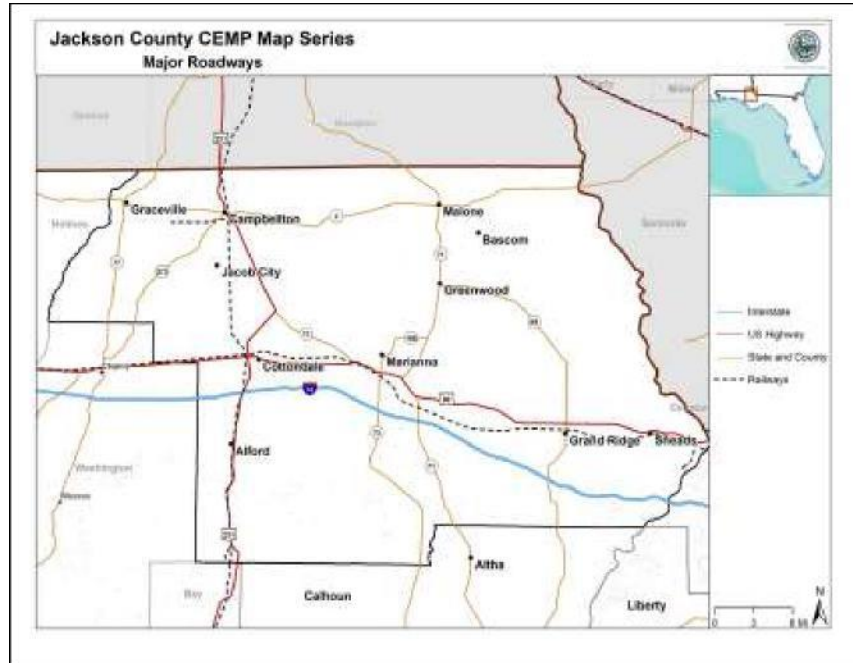


Figure 13: Major Roadways

- **Roadway:** Interstate 10 runs through the middle of the County, U.S. 231 runs north/south through the western part of the County and U.S 90 runs east/west north of I-10. Hazardous Materials spills from vehicular accidents on major highways are the most common conditions under which such events occur.
- **Rail:** CSX Transportation and Bay Line have major rail lines running east-west through Jackson County, in or near the cities and towns of Marianna, Cottondale, Sneads, Grand Ridge, Campbellton, Alford, Jacob and Graceville. A hazardous materials density study performed by CSX Transportation in 2015 identified the top ten hazardous commodities transported by CSX in or through Jackson County. More than 15,300 shipments of hazardous materials were transported over CSX tracks in and through Jackson County in 2015. Molten sulfur (16.17% of total rail cars), sodium hydroxide (10.31% of total rail cars), and liquefied petroleum gas (7.15% of total rail cars) were three of the most frequently shipped commodities. Anhydrous ammonia and sulfuric acid are, respectfully, the ninth and fifteenth most transported hazardous materials. Each of these chemicals are classified as EHSs.

- **Pipeline:** Natural gas is transported through an underground pipeline operated by the Florida Gas Transmission Company. The transmission line runs across the southern tip of Jackson County and approximately 15% of the County is vulnerable to a leak of the natural gas pipeline.

c. Hazardous Materials Spills

According to data supplied by the Florida Division of Emergency Management, approximately 92 hazardous materials spills have been reported to the State Warning Point between 1995 - 2019. Roughly 75% of reported spills have been transportation related (highway, rail, barge or pipeline) and the vast majority of all reported spills have involved petroleum products.

d. Hazardous Materials Vulnerability

Local resources available to respond to hazardous materials incidents are extremely limited. The county has two paid fire departments (City of Marianna Fire Department and Jackson County Fire Rescue) located in Marianna. The remainder of the county is served by volunteer fire departments. The nearest hazardous materials response team is Bay County Fire Rescue (primary), and after that, the Tallahassee Fire Department (secondary). Given that hazardous materials are shipped in large volume via several means of transportation, it is prudent to assume that the entire population of the County (46,969) is vulnerable to this hazard.

9.0 Civil Disturbance

Risk Rating: Low

Risk Probability: Low

There have been no recent incidents of civil disturbances within the county; however, 35% of the county residences are located in close proximity to the nine state and federal prisons and work camps throughout the county. Under normal circumstances, civil disturbances are considered a low probability event. However, there is always the possibility of disturbances in response to adverse social and/or economic conditions. A devastating disaster, such as a major hurricane, that displaces numerous residents and disrupts the provision of public services, could result in a civil disturbance. The impacts would be jurisdiction specific or countywide depending on the event.

10.0 Special Events

Risk Rating: Low

Risk Probability: Low

There are a variety of local events that occur within the county each year such as the Farm City Festival, Homecoming Parades, and the Freedom Springs Triathlon. In addition to these events there is always the possibility for dignitary visits and large-scale legal protests to occur. Although the probability is low, some of these events could cause a significant stress on Jackson County's local law enforcement and would require additional assistance from JCEM. The impacts would be jurisdiction specific or countywide depending on the event. The cost impacts would be to the local jurisdiction of the event, would depend on mutual aid requested, and size of the event

11.0 Radiological

Risk Rating: Low

Risk Probability: Low

Radiological accidents can occur wherever radioactive materials are used, stored or transported. In addition to nuclear power plants, hospitals, universities, research laboratories, industries, major highways, railroads or shipping yards could be the site of a radiological accident. Radioactive materials are composed of atoms that are unstable. An unstable atom gives off its excess energy until it becomes stable. The energy emitted is radiation. Radioactive materials are dangerous because of the harmful effect of certain types of radiation on the cells of the body. The longer a person is exposed to radiation, the greater the risk.

Many of the residents the county live within the Ingestion Pathway Zone (IPZ) of the Joseph M Farley Nuclear Power Plant. This plant is located in Houston County just east of Dothan Alabama on the Chattahoochee River. The plant is operated by the Alabama Power Company.

An IPZ is the area surrounding a nuclear power plant within a fifty-mile radius where the principal source of exposure from an incident would be the ingestion of contaminated food or water.

Although there is no history of nuclear incidents in Jackson County, the Farley Nuclear Power Plant in Houston County, Alabama is within 50 miles of Jackson County and could pose a threat in the unlikely event of a release. It is prudent to assume that the entire population of the County would be directly or indirectly affected should a major accident occur at the facility. There was insufficient information to generate an estimate of potential dollar losses resulting from this hazard. Again, this is considered to be an extremely low-probability event.



Figure 3.13: Nuclear Power Plants

12.0 Coastal Oil Spills

Risk Rating: Low

Probability: Low

Jackson County is an inland county with no borders touching a coastline, however, there are various rivers that run through the County such as the Apalachicola and Chipola River that run to the coast of Florida. These rivers are used commercially and could be impacted by commercial oil spills. Additionally, the Flint River in Bainbridge Ga., directly connects to the Apalachicola and is used industrially which leads to there being a potential for releases that flow through the County. The economic impacts could be felt throughout the County. Strong environmental impacts would be felt close to the river water's edge; most of the area is rural so property damages would be low.

13.0 Terrorism

Risk Rating: Low

Probability: Low

Terrorism is a violent act intended to coerce a government or civilian population in order to further a political or social objective. Given the events of September 11, 2001, it is no longer possible to say that any location in the United States does not have some level of risk for terrorist activity. Jackson County has identified infrastructure and buildings that are viewed as potential targets for terrorist activity. However, given the rural nature of the county and the relative lack of high profile targets, it is more likely that the county could be indirectly affected as a result of its proximity to a more visible target, the State Capital in Tallahassee. The population potentially affected by an act of terrorism is dependent on the nature of the attack. A site-specific incident at a large facility like the County Courthouse could affect 100 or more people. An attack involving a biological or nerve agent could affect significant portions of the County's population. However, it is important to note that this is an extremely unlikely, low probability event.

14.0 Dam Failure

Risk Rating: Low

Probability: Low

The U.S. Army Corps of Engineers operates the Jim Woodruff Lock and Dam located in Gadsden County, but bordering Jackson County on the east. Located behind the Jim Woodruff Lock and Dam is Lake Seminole, which is created by the confluence of the Chattahoochee and Flint Rivers. The lock and dam is a multipurpose project for navigation, hydroelectric power production and related uses. The impoundment is maintained at approximately 77.5 feet above mean sea level, although there is some fluctuation for power production. There is no storage for flood control. The facility maintains a safety and emergency notification plan and conducts annual dam safety training. There have been no safety and/or structural problems noted at the dam. In the event of a possible failure, facility officials would initiate the notification procedures, which include notifying JCEMA. However, given the facility's safety record and recent flood experiences, the likelihood of failure is considered minimal. The population potentially affected is estimated to be approximately 200 persons residing in low-lying areas in the Apalachicola River floodplain.

Table 3.17 – Worst Case Scenario by Hazard

Hazard	Effect	Extent of Damage
Natural Hazards		
Hurricane/Tornado /Thunderstorms	How significant could it be?	A Category 5 Hurricane impacting the coast could cause significant damage and destruction. Potential F-3 Tornado causing intense damage and destruction within the confined path of the storm. Severe Thunderstorms causing localized minor to moderate damage includes sustained winds in excess of 50 mph.
Lightning	How significant could it be?	Lightning is a significant cause of wildfires that can consume several thousand acres. In addition lightning can cause structural fires leading to loss of life.
Flooding	How deep would the flooding be and what is the potential for property damage and loss of life?	Riverine flooding would be limited to the known 100-year floodplain effecting 25 to 50 homes with no loss of life. Flooding does cause significant damage to infrastructure, mainly transportation corridors. Flash flooding could impact the 500-year floodplain, impacting more homes and leading to loss of life.
Drought	Severity of the drought index?	The Keetch Byram Drought Index could reach above 500 in the late spring / early summer which increases the threat of wildfires and susceptibility to Southern Pine Beetle infestation.
Infestation, Disease	How significant could it be?	No structural damage; can impact the timber industry. Epidemic disease such as Covid-19 outbreak can lead to loss of life and countywide economic disturbance.
Urban Fire	How significant could it be?	The County experiences structural fires on a recurring basis. The worst case scenario would be the destruction of a large commercial building or the loss of life.
Wildfire	How many acres could be consumed by fire?	The average wildfires burned is 1,100 acres annually. Predictions for dry conditions could cause 4-6 thousand acres of rural land consumed as a worst case scenario.. After Hurricane Michael, there is much fuel from dead trees and vegetation.
Extreme Temperatures	How significant can extreme temperatures be, both high and freezing?	The highest recorded temperature is 107 degrees last recorded 8/30/2000. Other dates of 107 degree are 7/29/1930, 9/7/1925, & 9/6/1925. The lowest temperature is -5 degrees on 1/27/ 1940 according to NWS. There are no other recorded dates with a -5 degrees or lower temperature.

Sinkholes	How significant could it be?	While the county is subject to sinkholes they occur rarely but could destroy one or two structures.
Dam Failure	How significant could it be?	The Jim Woodruff Dam has never had an incident but if one was to occur approximately 200 residents could be impacted with possible injuries, loss of property & life.
Technological Hazards		
Hazardous Materials	How significant could it be?	A major incident could cause a large scale evacuation of a portion of the county and could cause loss of life. However structural damage would be minor.
Radiological Incident	How significant could it be?	No structural damage or loss of life.
Terrorism	How significant could it be?	Minimum to no structural damage or loss of life.
Special Events	How significant could it be?	Large concerts, festivals, protests, etc could overwhelm law enforcement resources requiring assistance from EMA to activate mutual aid agreements.
Coastal Oil Spill	How significant could it be?	The County is not a coastal county but there are several major rivers running through the county with commercial ship traffic traversing through the county. A spill would have major impact on the environment and economy.

Table 3.18 – Structure/Infrastructure Hazard Impacts

Impacts on Structures and Infrastructure from Identified Hazards	All Structures	Mobile Homes	Poorly Constructed Homes	Non-Elevated Homes	Telecommunications	Electrical Utilities	Sewage Systems	Potable Water	Roadways	Waterways	Agriculture	Livestock	Economic Disruptions	Environmental Damage
Tornado	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Flood	X	X	X	X			X	X	X		X	X	X	X
Erosion									X	X				X
Thunderstorms/High Wind	X	X	X	X	X	X	X	X			X		X	X
Wildfire	X	X	X	X							X			X
Lightning	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Drought/Heat	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Sinkholes	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Infestation/Disease											X	X	X	X
Hazardous Materials	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Coastal Spills							X			X	X		X	X
Radiological	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Terrorism	X				X	X			X	X			X	
Special Events									X					
Dam Failure	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Civil Disturbance	X								X				X	

Section 4 – Goals and Policies

This section of the LMS describes the goals established by the Working Group and the current programs, policies and plans that support mitigation. In addition, a catalog of organizations with mitigation functions is provided.

A. Goals

The Working Group has established goals to guide its work in the development of this strategy. The goals are related to the broad mitigation needs and capabilities of the communities involved, rather than addressing a specific hazard type or category. Therefore, the county's mitigation goals, by definition, are "multi-hazard" in scope and can be described as statements of the desired "mitigation-related capabilities" that will be present in each participating jurisdiction in the future as the goals are achieved." The goals selected by the Working Group are listed below in Table 4.1.

The goals were originally established for Jackson County and all 11 municipalities using the following process: each Working Group member was provided with a worksheet of potential county goals, extracted from other local planning documents and the county's 1999 LMS. In an effort to solicit input from the general public regarding mitigation goals, attendees of the Working Group were asked to develop their own goals if they were not listed on the worksheet. Working Group members ranked each goal from most important to least important, omitting goals that should not be part of the LMS planning process or revising goal wording to suit the county's specific needs. This process was discussed at numerous Working Group meetings and during the LMS Update process. Completed worksheets were returned to the Working Group support staff, which compiled the ranked goals. This approach clearly creates a framework for "goal-based" planning by the Working Group, focusing the group's efforts on proposing and implementing mitigation initiatives intended to achieve the mitigation goals established by the county and municipalities. These goals were reviewed for the 2021 LMS update and revised to reflect current priorities, streamline, and eliminate redundancy.

Table 4.1 – Ranked Mitigation Goals

Ranking		Goal
#	1	Protect health, safety and welfare of the community's citizens and visitors will not be threatened by disasters.
#	2	Maintain the availability and functioning of the community's infrastructure will not be significantly disrupted by disaster.
#	3	The continuity of essential local government operations will not be significantly disrupted by disaster.
#	4	Maintain emergency response readiness.
#	5	Minimize property damage to homes, institutions, places of employment in the community.

# 6	Support effective hazard mitigation programming throughout the community with local government policies and regulations.
# 7	Coordinate with other government agencies to enhance regional mitigation efforts.
# 8	Promote community awareness of local hazards and the techniques to minimize vulnerability to those hazards.
# 9	Maintain the condition of the riverine environment systems, especially those that provide natural protection and have economic value.
# 10	Protect scenic, historical, and recreational community resources.

Table 4.2 – Goals Identified in Existing Policy Objectives

Mitigation Goals as Policy Objective	Source
1. Protect the health, safety and welfare of the community's residents and visitors from disasters.	
Minimize suffering, loss of life, personal injury, and damage to property resulting from hazardous or emergency situations.	Comprehensive Emergency Management Plan Objective 1
Provide relief and promote short range and long-range recovery in disaster areas.	Comprehensive Emergency Management Plan Objective 3
Avoid or reduce future losses of life and damage to property resulting from natural and manmade disasters (i.e. hurricanes, flooding, hazardous materials, etc.) with an emphasis on the equitable distribution of the impacts of such preventative measures.	Comprehensive Emergency Management Plan Objective 4
2. Maintain the availability and functioning of the community's infrastructure during a disaster.	
Minimize disaster related resource shortages and service system disruptions that would have an adverse impact on the residents, the economy, and the general well-being of the county.	Comprehensive Emergency Management Plan Objective 2

3. The continuity of local government operations will not be significantly disrupted by disasters.	
To minimize damage to public facilities and utilities such as water, electricity, telephone and sewer lines, and streets and bridges located in the floodplains.	Floodplain Ordinance
	Objective 5
4. Maintain emergency response readiness.	
To develop and adopt a post-disaster response and clean-up assistance procedures for redevelopment permitting and hazard mitigation measures.	Comprehensive Plan Conservation
	Element Objective 15
5. Minimize property damage to homes, institutions, and places of employment in the community.	
To help maintain a stable tax base by providing for sound land use and development in hazard prone areas in such a manner as to minimize areas of blight.	Floodplain Ordinance
	Objective 6
6. Support effective hazard mitigation programming throughout the community with local government policies and regulations.	
County shall adopt standards, which shall facilitate the safe flow of motorized and non-motorized traffic.	Comprehensive Plan Traffic
	Objective 1
7. Coordinate with other government agencies to enhance regional mitigation efforts.	
To establish an intergovernmental coordination program to manage resources affecting or affected by governments other than the county.	Comprehensive Plan Conservation Element
	Objective 21

8.Promote community awareness of local hazards and the techniques to minimize vulnerability to those hazards.	
To provide data from which hazard prone areas within the county may be identified to ensure that potential homebuyers are notified that property is in a hazard area.	Floodplain Ordinance
	Objective 7
9.Maintain the condition of riverine environmental systems, especially those that provide natural protection and have economic value.	
To protect and conserve mineral and soil resources. (Policy 10.1 requires consideration of erosion, flood hazards, wetlands, and aquifer recharge.)	Comprehensive Plan Conservation Element
	Objective 10
10.Protect scenic, historical, and recreational community resources.	
To maintain the amount of public access to natural resources.	Comprehensive Plan Conservation Element
	Objective 16
To identify historic resources within the area and establish development standards for the protection, preservation, and sensitive reuse of historic resources throughout the county.	Comprehensive Plan Conservation Element
	Objective 17

B. Coordination

An essential part of getting things done is coordinating with others. This means knowing what agencies are available to help, what it is that those agencies do and how their operations are supposed to work with others. The following tables contain lists of federal, state, regional, local organizations, and local utility companies with descriptions of the mitigation functions they perform.

Table 4.3 – Federal Organizations with Mitigation Functions

A. Organization	Mitigation Functions
US Army Corps of Engineers	Inter-coastal waterways, dam maintenance, dredge and fill permitting, wetland permitting, emergency protection from erosion caused by flooding.
Federal Emergency Management Agency (FEMA)	Post-disaster relief and assistance, National Flood Insurance Program, Community Rating System, Hazard Mitigation Grant Program. Repair and Restoration of Disaster-Damaged Historic Properties program. Hazardous Materials Training Program for Implementation of the Superfund Amendment and Reauthorization Act makes funding available to provide training designed to improve emergency planning, preparedness, mitigation, response, and recovery capabilities associated with hazardous chemicals.
US Dept of Defense	Post-disaster relief and assistance.
US Department of Commerce	Small Business Administration loans for individual relocation and repair or floodproofing. Fisheries Development and Utilization Research and Development Grants and Cooperative Agreements Program makes grants for enhancement of sustainable fishing industries.
US Department of Agriculture	Soil Conservation Service is a possible source for Wetland Reserve program, flood hazard studies, and levee infrastructure improvement funds. Rural Development program provides low cost loans to rural communities for public services and infrastructure.
US Environmental Protection Agency	Chemical Emergency Preparedness and Prevention Technical Assistance Grants Program provides funds for chemical accident prevention activities and emergency preparedness for chemical accidents. Pollution Prevention Grants Program provides grants to implement pollution prevention projects. Sustainable Development Challenge Grants encourage partnerships among community, business and government entities to work cooperatively to develop flexible, locally oriented approaches that link environmental management and quality of life activities with sustainable development and revitalization.
US Department of Housing and Urban Development	The Community Development Block Grant program (CDBG), although administered by the state, originates from the HUD. The CDBG program provides funds to local governments under a variety of programs (neighborhood revitalization, commercial revitalization, economic development and housing rehabilitation). Congress may allocate additional funds for post-disaster recovery. All projects must benefit primarily (51%) low to moderate-income people.
General Services Administration	Disposal of Federal Surplus Real Property program provides equipment to local government at discounts up to 100%.

Table 4.4 – State Organizations with Mitigation Functions

B. Organization	Mitigation Functions
Governor’s Office of Planning & Budget	Review of federal assistance applications, intergovernmental coordination.
Florida Department of Economic Opportunity	Local planning assistance and review, comprehensive plan amendments and evaluation, disaster preparedness, response, recovery and mitigation.
Florida Communities Trust Program	Provides financial and technical assistance to acquire lands that conserve natural resources, correct undesirable development patterns, restore degraded natural areas, enhance resource values, restore deteriorated urban waterfronts, reserve lands for later purchase, use innovative land acquisition methods, and provide public access to surface waters. Land acquisition grants, loans, and matching grants are available through the P-2000 program.
Community Development Block Grant Program (CDBG)	Community project grants are awarded to applicants on a funds available basis according to a project score that depends on the degree the project benefits very low, low, and low to moderate-income populations within the community.
Emergency Management Preparedness and Assistance Trust Fund (EMPA)	Provides competitive grants to state or regional agencies, local governments, and private non-profit organizations to implement projects that will further state and local emergency management objectives.
State Housing Initiatives Partnership (SHIP)	Funding for improving local housing for low-income households.
Florida Department of Environmental Protection	Environmental studies, water facilities (stormwater, potable water, wastewater), wetland permitting, landfill permitting. Drinking or wastewater system loans. Fisheries management.
Florida Department of Transportation	Local transportation planning assistance, long-term (five year) state transportation planning.
Florida Department of Health	Public health services, septic tank permitting.
Florida National Guard	Post-disaster relief and assistance
Florida Forest Service	Forest management, prescribed burning, firefighting, agricultural support, fire hazard awareness programs, burn permits, fire-fighting equipment, aerial surveillance equipment.
Flood Mitigation Assistance Program	Federally funded state program providing 75% of cost to elevate or relocate repetitively damaged properties in NFIP communities.

Table 4.5 – Regional Organizations with Mitigation Functions

Organization	Mitigation Functions
Apalachee Regional Planning Council	Local planning assistance, grant writing assistance and grant program administration.
Northwest Florida Water Management District	Regional and local water studies / planning assistance, wetland permitting, dam / impoundment permitting. Payments in Lieu of Taxes Program provides compensation to counties.
Local Emergency Planning Committee (LEPC).	Planning, regional coordination, education and awareness regarding hazardous materials public safety issues. LEPC is organized in conjunction with the Apalachee Regional Planning Council.
American Red Cross	Disaster planning, disaster awareness, disaster response training and post-disaster assistance.
Salvation Army	Post-disaster assistance.

Table 4.6 – Local Organizations with Mitigation Functions

Organization	Mitigation Functions
City of Marianna	Local land use planning and conduit for local hazard information.
Jackson County Sheriff's Office	Enforce laws, maintains order, and coordinates with city commission and county emergency management.
Jackson County Community Development	Local land use planning and conduit for local hazard information.
Jackson County Building Department	Enforcement of local building codes including anchoring of manufactured housing, registration of mobile homes, elevation of structures in flood zones and site design to minimize stormwater.
Jackson County School District	Placement of schools and use of schools as shelters.
Jackson County Emergency Management Agency	Coordination of local disaster preparation, response, recovery, and mitigation activities.
Jackson County Road and Bridge	Local road repair, culvert maintenance and debris removal.
Jackson County Fire Rescue and Volunteer Fire	Firefighting and emergency medical first response to hazardous material spills.

Table 4.7 – Private/Public Utilities and Infrastructure Functions

Utilities	Infrastructure Function
Gulf Power	Electric
Florida Public Utilities	Electric / Natural Gas
West Florida Electric Inc	Electric
City of Marianna Natural Gas	Natural Gas
Marianna Solar Power Facilities	Solar Power Generation Sites
Cottdale Water System	Water System
Grand Ridge Water System	Water System
Greenwood Water System	Water System
Malone Water Department	Water System
Graceville Water System	Water System
Campbellton Water System	Water System
Alford Water System	Water System
Jacob City Water System	Water System
Sneads Water System	Water System
Jackson County Water System East	Water System
Jackson County Water System West	Water System
Jackson County Wastewater System East	Wastewater Collection System
Jackson County Wastewater System West	Wastewater Collection System
Marianna Wastewater Treatment Plant and System	Wastewater Treatment Plant and Collection System
Malone Wastewater Collection System	Wastewater Collection System
Sneads Wastewater Treatment Plant and System	Wastewater Treatment Plant and Collection System
Grand Ridge Wastewater Treatment Plant and System	Wastewater Treatment Plant and Collection System
Cottdale Wastewater Treatment Plant and System	Wastewater Treatment Plant and Collection System
Graceville Wastewater Treatment Plant and System	Wastewater Treatment Plant and Collection System
JCI Wastewater Treatment Plant	Wastewater Treatment Plant

C. Plans, Programs and Policies

Immediately following is an overview of key local policy issues with respect to mitigation that have been or should eventually be incorporated into the county and municipality's long-term planning. Jackson County has the responsibility of recognizing the sovereignty of municipalities and their local government programs; however, Jackson County has the lead role under Chapter 252 Florida Statutes to ensure the overall safety, response, and recovery activities on behalf of the State of Florida. Jackson County is a small rural county, therefore JCEMA is responsible for numerous functions including planning, preparedness, response, resource support, disaster recovery, and mitigation.

The following documents reflect mitigation elements that are included in the Jackson County LMS.:

- Jackson County Code of Ordinances (Chapter 18-Building Codes, Chapter 28-Civil Emergencies; Chapter 38- Floodplain Management Regulations)
- Jackson County Capital Improvements Element
- Jackson County Comprehensive Emergency Management Plan
- Jackson County Comprehensive Plan
- Jackson County Floodplain Ordinance (JC Code of Ordinances , Chapter 38)
- Jackson County Land Development Code

Additionally, the municipal documents that incorporate LMS elements are:

Alford Comprehensive Plan; Alford Community Development Plan
Bascom Comprehensive Plan; Bascom Community Development Plan
Campbellton Comprehensive Plan; Campbellton Community Development Plan
Cottdale Comprehensive Plan; Cottdale Community Development Plan
Graceville Comprehensive Plan; Graceville Community Development Plan
Grand Ridge Comprehensive Plan; Grand Ridge Community Development Plan
Greenwood Comprehensive Plan; Greenwood Community Development Plan
Jacob City Comprehensive Plan; Jacob City Community Development Plan
Malone Comprehensive Plan; Malone Community Development Plan
Marianna Comprehensive Plan; Community Development Plan; Floodplain Management Plan
Sneads Comprehensive Plan; Sneads Community Development Plan

While each municipality in Jackson County has its own Comprehensive Plan, they may contract by interlocal agreement with the County for services such as Building Codes, Floodplain Management, etc. to be effective within their jurisdictional area and for the county to enforce these articles within such municipal areas. Such interlocal agreement shall be signed by the representatives of each entity and filed with the clerk of the circuit court of the county. These plans include elements of the Jackson County LMS within the Code of Ordinances which reflect Florida Building Code standards and Floodplain Management in high flood hazards areas.

Mitigation has the potential to easily integrate into many day-to-day functions and existing plans throughout the county, such as the Comprehensive Plan and the Comprehensive Emergency Management Plan (CEMP). Other 'planning mechanisms' that the mitigation planning can be integrated into include policies and procedures. For instance, mitigation can be incorporated during the recovery process of Presidentially declared disasters by including it when filling out a

Public Assistance Project Worksheet to repair public facilities or infrastructure. Another process for incorporating mitigation would be to provide a policy or procedure for homeowner's associations to incorporate wildfire mitigation activities into their by-laws.

One of the strongest ties that exists between two mitigation-related plans is the one between the LMS and the CEMP. The CEMP must be updated every four years and relies heavily on the LMS—the county's all-hazards risk assessment. As the LMS's risk assessment is updated, it is integrated into the CEMP. On years when the CEMP must be updated prior to the 5-year update of the LMS, the risk assessment section will be reviewed and updated as necessary to meet the needs of the CEMP. The CEMP is adopted by resolution at the county while the other participating municipalities adopt it by promulgation; therefore, all municipalities provide their consent on this integration.

When it is time for plans to be updated, each municipality will take the lead in ensuring the LMS gets integrated appropriately into the revised plan. At a minimum, the plans being updated will be reviewed to ensure they are consistent with the LMS and places will be identified where mitigation can play a bigger role. That information will be relayed back to the LMS Coordinator so that it can be tracked in the LMS. Between Comp Plan updates, mitigation will continue to be promoted at the local level through other policies, goals and objectives, both new and existing.

Potential plans and planning mechanisms that the LMS can be integrated with include:

- Municipal Comprehensive Plans
- Floodplain Management Plans
- Community Wildfire Protection Plans
- CEMPs
- Post-Disaster Redevelopment Plans (PDRPs)
- Municipal ordinances
- Land development regulations
- Floodplain ordinances
- Strategic Plans
- Capital Improvement Plans

The LMS is integrated with the Jackson County CEMP via the risk assessment section. The LMS Working Group may in the future look to incorporate the Floodplain Management Plan as an Annex in the LMS to improve coordination between the 2 documents and streamline the approval process by approving both at one time. This would also afford additional points in the NFIP/CRS program.

These mitigation policies have also been evaluated in terms of how well they are being implemented within each jurisdiction. These evaluations can serve as a review of LMS policy implementation.

Table 4.8 - Summary of Policies and Plans, Goals and Objectives

Summary	
County and Municipal Floodplain Ordinance Objectives	
# 1	To protect human life and health.
# 2	To minimize expenditure of public money for costly flood control projects.
# 3	To minimize the need for rescue and relief efforts associated with flooding.
# 4	Generally undertaken at the expense of the general public; to minimize prolonged business interruptions.
# 5	To minimize damage to public facilities and utilities such as water, electricity, telephone and sewer lines, and streets and bridges located in the floodplains.
# 6	To help maintain a stable tax base by providing for the sound use and development of flood prone areas in such a manner as to minimize flood blight areas.
# 7	To provide data from which flood prone areas within the county may be identified to ensure that potential homebuyers are notified that property is in a flood area.
Comprehensive Emergency Management Plan Objectives	
# 1	Minimize suffering, loss of life, personal injury and damage to property resulting from hazardous or emergency situations.
# 2	Minimize disaster related resource shortages and service system disruptions that would have an adverse impact on the residents, the economy, and the general well-being of the county.
# 3	Provide relief and promote short range and long-range recovery in disaster
# 4	Avoid or reduce future losses of life and damage to property resulting from natural and manmade disasters (i.e. hurricanes, flooding, hazardous materials etc.) with an emphasis on the equitable distribution of the impacts of such preventative measures.

Comprehensive Plan Objectives	
Traffic	
# 1	County shall adopt standards which shall facilitate the safe flow of motorized and non-motorized traffic.
Housing	
# 1	County will continue with the current private system of making housing available to residents of the county. The county shall have available a handbook describing current local, state and federal housing programs.
# 2	This handbook will describe the purpose of the programs, who is eligible for them, and how to apply for them. The county will maintain a list of programs and agencies on the federal and state level that provide housing assistance.
# 3	This list shall be available to prospective housing providers and developers to aid them.
Infrastructure	
# 1	Ensure the provision of public facilities in a timely, orderly, efficient and environmentally sound manner at an acceptable level of service for the county's population.
# 2	Restrictions on on-site wastewater treatment systems. The county shall prohibit the installation of septic tanks within 150 feet of wetlands and shorelines. Between 150 and 75 feet of wetlands and shorelines the only on-site sewage disposal systems allowed will be Class I aerobic systems with approved maintenance provisions in accordance with Chapter 10D-6, F.A.C.
# 3	<p>Potable Water Policies</p> <ul style="list-style-type: none"> • The county shall adopt land development regulations that provide for the maintenance of aquifer recharge area functions. • The county shall restrict the alteration of natural drainage features.
Conservation Element	
# 1	Objective 2. The county will prohibit development which can be proved to damage the county's natural resources.
# 2	Policy 2.2. Prohibit high-density development adjacent to sensitive wetland areas.
# 3	Policy 2.9. Only minimal amount of back-fill allowed behind erosion control structures.
# 4	Policy 2.10. Protect natural reservations identified in Recreational Open Space Element.

# 5	Policy 4.6. Adopted Stormwater Ordinance.
# 6	Policy 4.9. Safe mosquito control methods
# 7	Policy 4.10. Safe aquatic weed control methods.
# 8	Policy 4.11. Stormwater infiltration techniques to minimize ill effects to water quality.
# 9	Objective 6. Establish waterside land use priorities
10	Objective 8. Protect air quality.
# 11	Objective 9. Protect water quality
# 12	Objective 10. Protect and conserve mineral and soil resources.
# 13	Objective 11. Develop and implement a hazardous waste program.
# 14	Objective 15. Post-Disaster Redevelopment. The county shall adopt a post disaster response and clean-up assistance, procedures for redevelopment permitting and hazard mitigation measures.
# 15	Objective 17. The county will identify historic areas and establish development standards for the protection, preservation, and sensitive reuse of historic resources throughout the county.
# 16	Objective 21. An intergovernmental coordination program will be established to manage resources affecting or affected by governments other than the County.
# 17	Policy 21.4. Prior to the adoption of any land development regulations developed pursuant to 163.3202 F.S., the county shall review and incorporate, where appropriate, policies recommended in the NFWFMD's Surface Water & Improvement Management Plan.
Recreation Element	
# 1	Objective 2. County shall ensure the adequate provision of open space.
# 2	Policy 2.2. Manage and protect open spaces through land development regulations requiring buffer zones, green belts, and other open space provisions to ensure incompatible land uses are avoided.
# 3	Objective 3. Shall provide public access to recreation sites including beaches and shores and freshwater beaches and shores identified in this element.

Table 4.9 – Local Policies Related to Hazard Mitigation

Local Policies
National Flood Insurance Program
<p>The National Flood Insurance Program (NFIP) allows citizens and government to purchase relatively affordable flood insurance as long as the jurisdiction agrees to establish a floodplain ordinance and maintain development standards designed to minimize flood damage within the jurisdiction's designated floodplain area. Nine municipalities- Bascom, Alford, Marianna, Cottdonale, Sneads, Grand Ridge, Malone, Campbellton, and Graceville- and the unincorporated county participate in the NFIP; presently two incorporated towns do not participate in the NFIP: Greenwood and Jacob City. Each of the participating cities has its own adopted flood ordinance and participates in the NFIP independently of the county. The county's NFIP responsibilities increased with its participation in the Community Rating System (CRS), an enhancement of the NFIP. The CRS requires the county to institute additional flood hazard prevention measures in return for a discount in NFIP flood insurance rates. There are a variety of measures the county could take to increase the amount of discount to flood insurance rates. These measures could include raising the minimum amount of freeboard required above the base flood elevation, increasing flood hazard awareness programs, incorporating the Floodplain Management Plan as an Annex into the LMS, and submitting the LMS to the CRS program as a flood hazard management plan.</p>
Building Codes
<p>Codes are implemented and enforced by the Jackson County Building Department and the Jackson County Code Enforcement Division. It would be beneficial to formalize enhanced building codes to facilitate construction planning by contractors and allow the county to receive credit from the Community Rating System.</p>
Post-Storm Redevelopment
<p>Flood hazards and Stormwater Infrastructure: FIRM maps are fairly accurate, and the planning staff is satisfied with floodplain ordinance and stormwater ordinance. Essentially all development is coastal and apparently federal, state, and local coastal regulations are sufficient and fairly well implemented. However, the majority of the inland portion of the county is unrated A-Zones subject to flooding. A more thorough stormwater plan may be necessary if inland development occurs.</p> <p>The county's Subdivision Ordinance establishes standards for stormwater management facilities in all new subdivisions platted in the county. In any new subdivision stormwater management facilities must be designed in accordance with Chapter 17-25, F.A.C.. Any watercourse, drainage way, channel, or stream that traverses a subdivision must be provided with a stormwater easement of such width as will provide adequate drainage. Low-lying areas along watercourses shall be retained in their natural state as drainage ways. All of these easements shall be shown on the plat of the subdivision.</p>

Section 5 - Mitigation Initiatives

A.

Evaluation Criteria

The Local Mitigation Strategy Working Group (LMSWG) considers all projects that focus on mitigating losses created by natural or man-made disasters. Priorities are given to those projects that first demonstrate the use of mitigating techniques that are

1. Cost-beneficial
2. Technically feasible
3. Environmentally sound

Based on the detailed hazard identification and vulnerability, the Working Group has the ability to assess the potential risk of the hazard and the cost benefit associated with mitigating the impacts of a specific hazard. Although this criterion has the same weight as other listed criteria, it provides the Working Group with the ability to perform an internal review of similar projects associated with their respective jurisdiction and possible inclusion into respective Comprehensive and Capital Improvement Plans.

This priority score is a long-term characterization value directly associated with each specific initiative based on its own merits at the time it was first proposed by the individual participant. The priority is intended to serve as a guideline for the Working Group regarding the relative desirability of implementation of a specific mitigation initiative in relation to the other proposed initiatives incorporated into the plan. Table 5.1 provides the breakdown of the priority scores by criterion, including an estimated number of people who will benefit and cost to implement each initiative. These scores have been assigned according to the knowledge and discretion of the Task Force considering orders of magnitude not exact technical estimates.

Mitigation initiatives with higher point totals have higher priority. However, it would be a mistake to assume that only top priority initiatives should be considered for funding. High priority projects often require significant resources or money. In a post-disaster situation, for example after a hurricane, the amount of money available for hazard mitigation projects could be as little as \$30,000 or as much as \$3 million or more. Therefore, it is important to have initiatives with a range of costs that are rationally prioritized so that the jurisdictions can get the most value for the mitigation money they receive. Furthermore, simply because a mitigation initiative has high associated costs does not mean it is not cost effective. An initiative may yield significant benefits over the lifetime of the project that far outweighs the initial costs. In lieu of conducting formalized benefit-cost analyses, order of magnitude cost estimates were made by the Working Group assuming that less expensive projects would be easier to obtain funding for and could be implemented more readily.

The mitigation initiatives were assigned priority scores based upon the following criteria according to the county's goals for local mitigation and the program funding requirements of FEMA:

- Number of people (from 1 to 10,000 or more) who will benefit.
- Immediate need or post-disaster priority.
- Enhancement of special needs population or promotion of hazard awareness.
- Reduction of risk to structures that have been repetitively damaged.
- Critical facility or infrastructure.
- Environmentally sound.
- Technically feasible.
- Cost effective.
- Encourage cooperation among government entities.

Table 5.1 shows the point awarding system for establishing a priority score for each mitigation initiative. The maximum priority score is 100.

Table 5.1 – Priority Scoring for Mitigation Initiatives

Criteria Number	Criteria	Category	Scoring
# 1	Number of people who will benefit	10,000 or more	10
		1,000 or more	8
		100 or more	6
		10 or more	4
		1 or more	2
# 2	Risk rating of addressed hazard	High	10
		Medium	8
		Low	6
# 3	Immediate need or post-disaster priority	Yes	10
# 4	Enhancement of special needs population or promotion of hazard awareness.	Yes	10
# 5	Reduction of risk to structures that have been repetitively damaged.	Yes	10
# 6	Environmentally sound.	Yes	10
# 7	Critical facility or infrastructure.	Yes	10
# 8	Technically feasible.	Yes	10
# 9	Cost effective.	Yes	10
# 10	Encourage cooperation among government entities.	Yes	10

Note: Projects in the “No” category receive a score of 0 for that criterion

B. List of Mitigation Projects

Annex A, Part 1 provides a complete listing of the current mitigation initiatives for the county sorted by their Priority Scores. Contained in the list are Project Description, Jurisdiction, Lead Agency, Hazard Mitigated, Priority Score, Potential Funding Sources, LMS Goal, Estimated Cost, Match, Status, and Timeframe for Completion. Because of FEMA requirements for plan updates, the Mitigation Action Plan was reviewed by each agency responsible identified for implementing the action. For each action, an update on the implementation status (completed, deleted, or deferred) was provided and milestones achieved or impediments to implementation of the actions were identified. These updates have been provided in Annex A, Part 2.

C. Local Mitigation Strategy Maintenance

Maintenance is part of a continuing assessment of current policies, programs and plans by local governments as part of the adopted growth management initiatives, floodplain management strategies and countywide emergency management plans.

The following describes the process by which the LMS Working Group will maintain the Jackson County LMS.

- The community will continue public participation in the plan maintenance process by noticing LMS Working Group meetings on the Jackson County Emergency Management website and by sending notices via email to the Working Group with the date, time of location of meetings.
- The LMS Working Group will meet annually to review the LMS and submit annual updates to the Florida Department of Emergency Management no later than the last work day of January as required by the Hazards Mitigation Grant Program (9G-22.004 (4)(e)). At a minimum, annual updates shall address:
 1. Changes to hazard assessment
 2. Changes to the project priority list
 3. Changes to the critical facilities list
 4. Changes to the repetitive loss list
 5. Appointment of Chair and Vice Chair of the LMS Working Group
- The LMS Chair or the County Emergency Management Director, under the direction of the Jackson County Board of County Commissioners, is assigned the responsibility of monitoring and coordinating annual tasks associated with the implementation of the plan. The LMS Chair is responsible for:
 1. Scheduling meetings
 2. Collaborating on the agendas
 3. Maintenance of meeting minutes
 4. Monitoring the plan
 5. Maintaining the list of completed projects
 6. Documenting new approved projects
 7. Collecting comments and/or answering questions related to the LMS
 8. Maintaining an official copy of the LMS

- Additional meetings of the LMS Working Group will be convened after any significant event such as a hurricane, tornado, flooding or a severe hazardous materials spill where a review of the event, responses and effectiveness of current mitigation techniques could serve as a means to formulate more effective responses, mitigation strategies and techniques.

D. Update of the LMS - Five-Year Monitoring and Evaluation

The LMS Working Group will review and revise the LMS and the evaluation criteria used in the review process. This update will be submitted every 5 years to FEMA as required by the regulation 44 CFR 206.1(c)(4)(i). Every five years, or after any significant change, the LMS will be resubmitted to the Jackson County Board of County Commissioners for re-adoption. Each of the Jackson County municipalities, Special Districts and any other eligible jurisdictions will also submit the LMS for adoption by resolution at this time. The Working Group's plan requires the group to meet annually. During the year prior to the expiration of the LMS, the Working Group will determine the best way to proceed with the five-year update of the LMS. The evaluation criteria will be derived from criteria used by FEMA staff at the time of the update and generally will answer the following:

- Have there been any new mandates from federal, state, or local agencies that require changes to the LMS? Have there been any new or changing laws, policies or regulations?
- Are there any societal developments or significant changes in the community that must be added to the current LMS? Does the LMS still reflect the concerns of the community? Are the demographics the same? Has there been any growth or development in hazard areas?
- Have there been any changes in funding sources or requirements?
- Are there any recent technological developments that should be reviewed for inclusion in the LMS document?
- Should the LMS be updated to include any new forms of hazards or areas of vulnerability within our community?
- Have there been any changes in the Comprehensive Plans, Land Use Plans, or any other form of standard operating procedure?
- Have any of the mitigation opportunities been implemented? Are the priorities for implementation the same?
- What are the recommendations or lessons learned from any major incidents that have occurred since the last update of the LMS?

The Jackson County Local Mitigation Strategy is a living document that all the jurisdictions in the county have committed to maintain and implement. It is incorporated into the Comprehensive Emergency Management Plan (CEMP)..

Annex A – Mitigation Initiatives

PROJECT LIST TEMPLATE

**Red column headings indicate fields necessary to meet FEMA requirements.*

Prioritized Project List												
Priority rank/score	Name & Description of Project	Jurisdiction (Location of Project)	Agency Responsible for Implementation	Jurisdictions Directly Benefitting from Project	Hazards Mitigated	Mitigation Goals Achieved	Potential Funding Source(s)	Match (if applicable)	Estimated Costs	New, Deferred, Completed or Deleted	If Deleted or Deferred, Why?	Timeframe for Completion
1	Cottondale-Generators for Lift Stations	Town of Cottondale	Cottondale Town Hall	Cottondale	Flooding; Severe Weather;		HMGP; Local;	\$54,022	\$216,089	New		Within 24 months
	Grand Ridge-Generator for Main Lift Station #19	Town of Grand Ridge	Grand Ridge Town Hall	Grand Ridge	Flooding; Severe Weather;		HMGP; Local;	\$15,000	\$60,000	New		Within 24 months
3	Sneads-Generator for Potable Water Well #1 and #2	Town of Sneads	Sneads Town Hall	Sneads	Flooding; Severe Weather;		HMGP; Local;	\$47,696	\$190,786	New		Within 24 months
4	Malone-Generator for Town Hall	Town of Malone	Malone Town Hall	Malone	Flooding; Severe Weather;		HMGP; Local;	\$25,000	\$100,000	New		Within 24 months
5	Sneads-Generators for Lift Stations	Town of Sneads	Sneads Town Hall	Sneads	Flooding; Severe Weather;		HMGP; Local;	\$97,080	\$388,320	New		Within 24 months

6	Alford-Generator for Town Hall	Town of Alford	Alford Town Hall	Alford	Flooding; Severe Weather;		HMGP; Local;	\$25,000	\$100,000	New		Within 24 months
7	Marianna Health and Rehab Generator	City of Marianna	Marianna City Hall	Marianna	Flooding; Severe Weather;		HMGP; Local;	\$227,295	\$909,180	New		Within 24 months
8	Sneads-Generator Town Hall	Town of Sneads	Sneads Town Hall	Sneads	Flooding; Severe Weather;		HMGP; Local;	\$25,000	\$100,000	New		Within 24 months
9	Malone-Generator for Fire Station	Town of Malone	Malone Town Hall	Malone	Flooding; Severe Weather;		HMGP; Local;	\$15,000	\$60,000	New		Within 24 months
Co-10	Sneads-Generator for Police Dept	Town of Sneads	Sneads Town Hall	Sneads	Flooding; Severe Weather;		HMGP; Local;	\$19,067	\$76,266	New		Within 24 months
Co-11	Jackson County-Generators at 25 critical facilities	Jackson County	Jackson County County Administration	Jackson County	Flooding; Severe Weather;		HMGP; Local;	\$433,564	\$1,734,255	New		Within 24 months
Co-11	Cottondale-WWTP & Sprayfield mitigation	Town of Cottondale	Cottondale Town Hall	Cottondale	Wildfires		HMGP; Local;	\$137,588	\$550,351	New		Within 24 months

12	Cottondale-Sewer lift station mitigation	Town of Cottondale	Cottondale Town Hall	Cottondale	Flooding; Severe Weather;		HMGP; Local;	\$66,500	\$266,001	New		Within 24 months
13	Cottondale-Town Hall hardening	Town of Cottondale	Cottondale Town Hall	Cottondale	All hazards		HMGP; Local;	\$10,000	\$40,000	New		Within 24 months
14	Alford-Westwood Drive drainage	Town of Alford	Alford Town Hall	Alford	Flooding; Severe Weather;		HMGP; Local;	\$61,396	\$245,585	New		Within 24 months
15	Sneads-Town Hall Wind Retrofit	Town of Sneads	Sneads Town Hall	Sneads	All hazards		HMGP; Local;	\$3,246	\$12,982	New		Within 24 months
16	Marianna-Public Safety Building Code Plus project	City of Marianna	Marianna City Hall	Marianna	Flooding; Severe Weather; Wildfires		HMGP; Local;	\$264,994	\$1,059,975	New		Within 24 months
17	Marianna-Kelson Avenue Drainage	City of Marianna	Marianna City Hall	Marianna	Flooding; Severe Weather		HMGP; Local;	\$1,555,033	\$6,220,132	New		Within 24 months
18	Marianna-WWTP Mitigation	City of Marianna	Marianna City Hall	Marianna	Flooding; Severe Weather; Wildfires		HMGP; Local;	\$625,000	\$2,500,000	New		Within 24 months

19	Marianna-Public Works Center Wind Retrofit and Generator	City of Marianna	Marianna City Hall	Marianna	All hazards		HMGP; Local;	\$395,000	\$1,580,000	New		Within 24 months
20	Jackson County School Board-Hardening of old Marianna High School	Jackson County School Board	Jackson County School Board	Jackson County	All hazards		HMGP; Local;	\$2,125,000	\$8,500,000	New		Within 24 months
21	Jackson County Kirkland Road ES Communication Tower	Jackson County	Jackson County; County Administration	Jackson County	All hazards		HMGP; Local;	\$116,472	\$465,888	New		Within 24 months
22	Jackson County Poosier Rd Acquisition, Drainage	Jackson County	Jackson County; County Administration	Jackson County	Flooding; Severe Weather;		HMGP; Local;	217,969	871,875	New		Within 24 months
24	Chipola College Wind Retrofit & Generator	Chipola College	Chipola College Administration	Jackson County	All hazards		HMGP; Local;	948,766	3,795,063	New		Within 24 months
25	West Florida Electric Cooperative Generator	West Florida Electric Cooperative	WFECA Administration Dept	Jackson County	All hazards		HMGP; Local;	93,993	375,971	New		Within 24 months

26	Jackson Hospital Backup Water System	Jackson Hospital	Jackson Hospital Administration Dept	Jackson County	All hazards		HMGP; Local;	317,625	1,486,500	New		Within 24 months
27	Jackson SO Retrofit and EOC Relocation	Jackson County	Jackson County; County Administration	Jackson County	All hazards		HMGP; Local;	485,000	1,940,000	New		Within 24 months
28	Jackson County Library Hardening Tier 2	Jackson County	Jackson County; County Administration	Jackson County	All hazards		HMGP; Local;	9,500	38,000	New		Within 24 months
29	Jackson Hospital 12 Off-site Medical Facility Generators	Jackson Hospital	Jackson Hospital Administration Dept	Jackson County	All hazards		HMGP; Local;	872,117	3,488,469	New		Within 24 months
30	Cottondale 3 Critical Facility Generators	Town of Cottondale	Cottondale Town Hall	Cottondale	All hazards		HMGP; Local;	42,243	168,972	New		Within 24 months
31	Jackson County Stormwater Mgmt Improvements on WIPA Canal System	Jackson County; Town of Sneads	Jackson County Administration & Sneads Town Hall	Jackson County; Town of Sneads	Flooding; Severe Weather		HMGP; Local; FMA; CDBG		\$2,000,000	New		Within 5 years

32	Sneads Citywide Stormwater Facility project	Town of Sneads	Sneads Town Hall	Town of Sneads	Flooding; Severe Weather		HMGP; Local; FMA, CDBG		\$2,800,000	New		Within 5 years
Co-10	Alford-Fuel Capacity at Potable Water Well	Town of Alford	Alford Town Hall	Alford	All hazards		HMGP; Local;	\$15,000	\$60,000	New		Within 24 months
23	LMS/Floodpl ain Managemen t Update	Jackson County	Jackson County; County Administra -tion	Jackson County & all jurisdiction s	All hazards		HMGP; Local;	11,578	46,310	New		Within 24 months

[Annex A, Part 2](#) - The following Mitigation Initiatives List are projects that have been deferred, deleted, or completed since 2016. The Jackson County Local Mitigation Working Group voted to start anew with the Current Mitigation Initiatives List in 2021 to ensure all listed initiatives are viable projects within the County and its jurisdictions.

Project #	Priority	Project Type	Project Description	Jurisdiction	Lead Agency	Hazard Mitigated	Goal	Estimated Cost	Potential Funding Source	New, Deferred, Completed, Deleted	If Deleted Why?	Timeframe	Date Proposed	Status
1	98	Construction	Facilitate additional work to mitigate the intrusion of stormwater into the sewer system.	Sneads	Public Works	Flooding	2	\$750,000	CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	No Action
2	98	Planning	Facilitate a storm water infiltration study of the sewer system for the community.	Sneads	Public Works	Flooding	2	\$50,000	CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2004	No Action
3	96	Construction	Mitigate the effects of severe winds on low income owner occupied homes.	Grand Ridge	Public Works	Severe Weather	5	Unavailable	SHIP/RCMP	Deferred	Withdrawn by Agency- no available funding	2016-2020	2009	
4	88	Construction	Construction of a new well site.	Sneads	Public Works	All Hazards	2	\$650,000	CDBG	Deferred	Withdrawn by Agency	2016-2020	2009	
5	88	Construction	Mitigation of stormwater flooding problem at West End Lift Station.	Marianna	Public Works	Flooding	1	\$322,000	PDM/HMGP	Completed by Agency		2016-2020	2009	
6	88	Construction	Replace CR 162 Bridge over Chipola River.	Jackson County	Road and Bridge	Flooding	2	\$3,000,000	PDM/HMGP / FDOT	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
7	88	Equipment	Purchase and install generators for West End and Hillcrest Lift Stations.	Marianna	Public Works	Flooding	1	\$100,000	CDBG	Completed by Agency		2016-2020	2009	
8	88	Construction	Mitigation of stormwater flooding problem at Hillcrest Lift Station.	Marianna	Public Works	Flooding	1	\$322,000	PDM/HMGP	Deferred	Withdrawn by Agency-	2016-2020	2009	
9	88	Planning	Facilitate a stormwater infiltration study of the sewer system for community.	Marianna	Public Works	Flooding	1	\$200,000	CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2004	
10	88	Equipment	Purchase/ install generators for WJAQ and WTYS for emergency notification and communication.	Jackson County and all municipalities	Emergency Management	All Hazards	10	\$100,000	Unknown	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2004	
			Mitigate the effects of severe weather on Town Hall and Emergency Services by			Severe				Deferred	Withdrawn by Agency- no available funding			

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12	86	Construction	Mitigate stormwater flooding at wastewater treatment holding area.	Grand Ridge	Public Works	Flooding	1		PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
13	86	Construction	Repair stormwater drainage system to include Harmonica Rd and Old Spanish Trail area by clearing.	Grand Ridge	Public Works	Flooding	9		CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	1999	
14	86	Construction	Installation of parallel drainage ditches along Jackson Rd.	Jacob	Public Works	Flooding	9	\$350,000	CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2004	
15	86	Construction	Extend water and wastewater treatment services to all citizens thereby reducing repetitive damage to septic tanks and increase the number of fire hydrants.	Grand Ridge	Public Works	Flooding	1		CDBG	Completed by Agency		2016-2020	2004	
16	86	Construction	Mitigate the effects of severe wind on public buildings by installing hurricane shutters and additional hurricane straps.	Grand Ridge	Public Works	Severe Weather	3		PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
17	86	Acquisition	Acquire, relocate or elevate structures in highly flood prone and repetitively damaged areas.	Grand Ridge	Public Works	Flooding	9		HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
18	84	Planning	Facilitate a water study system to identify locations for additional fire hydrants.	Marianna	Public Works	Urban Fire	4	\$20,000	CDBG	Completed by Agency		2016-2020	2004	
19	82	Planning	Identify and plot all flood prone parcels on the county's property tax role.	Jackson County and all municipalities	Community Development Department/N WFWMD	Flooding	6	\$0		Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	

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20	82	Construction	Replace the wooden bridge on Hasty Pond over Jacks Creek with concrete box culvert.	Jackson County	Road and Bridge	Flooding	2	\$200,000	PDM/HMGP / FDOT	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2009	
21	82	Construction	Replace the wooden bridge over Rull Mill Creek.	Jackson County	Road and Bridge	Flooding	2	\$200,000	PDM/HMGP	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2009	
22	82	Construction	Replace the wooden bridge on Dock Road over Little Dry Creek.	Jackson County	Road and Bridge	Flooding	2		PDM/HMGP	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2009	
23	82	Construction	Mitigate the effects of stormwater flooding on Cook Road.	Jackson County	Road and Bridge	Flooding	2		PDM/HMGP	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2009	
24	82	Construction	Mitigate the effects of stormwater flooding on Riverbend Road.	Jackson County	Road and Bridge	Flooding	2		PDM/HMGP	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2009	
25	82	Construction	Mitigate the effects of stormwater flooding on McChapel Road by installing additional culverts and building up the road bed.	Jackson County	Road and Bridge	Flooding	2	\$100,000	PDM/HMGP	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2009	
26	82	Construction	Mitigate the stormwater flooding on Jerusalem Church Road.	Jackson County	Road and Bridge	Flooding	2	\$135,000	PDM/HMGP	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2009	
27	82	Construction	Mitigate the effects of stormwater flooding on Nobles Road.	Jackson County	Road and Bridge	Flooding	2	\$300,000	PDM/HMGP	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2009	
28	82	Construction	Mitigate the effects of stormwater flooding on Willis Road.	Jackson County	Road and Bridge	Flooding	2	\$1,500,000	PDM/HMGP	Completed		2016-2020	2009	
29	82	Construction	Replace the wooden bridge on Reddick Mill Road over Holmes Creek.	Jackson County	Road and Bridge	Flooding	2	\$150,000	PDM/HMGP	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2009	
30	82	Construction	Mitigate the effects of stormwater flooding on St. Phillips Road.	Jackson County	Road and Bridge	Flooding	2	\$100,000	PDM/HMGP	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2009	
31	82	Construction	Mitigate the effects of stormwater flooding on Parrott Road.	Jackson County	Road and Bridge	Flooding	2		PDM/HMGP	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2009	

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32	82	Construction	Mitigate the effects of stormwater flooding on Tobacco Road by building up the road bed.	Jackson County	Road and Bridge	Flooding	2	\$400,000	PDM/HMGP	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2009	
33	82	Construction	Mitigate the effects of stormwater on Bethelhem Road by installing additional culverts.	Jackson County	Road and Bridge	Flooding	2	\$100,000	PDM/HMGP	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2009	
34	82	Construction	Replace the wooden bridge on Grissett Road over Stump Creek.	Jackson County	Road and Bridge	Flooding	2	\$90,000	PDM/HMGP	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2009	
35	80	Construction	Mitigate the effects of stormwater flooding on Friendship Church Road by installing additional culverts and building up the road bed.	Jackson County	Road and Bridge	Flooding	2	\$100,000	PDM/HMGP	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2009	
36	80	Construction	Repair the stormwater drainage system to include Florida and Alabama streets to the CSX Railroad by clearing and re-sloping the drainage ditch and installing larger culverts.	Jackson County and Grand Ridge	Public Works	Flooding	9	\$100,000	CDBG	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2004	
37	80	Construction	Construct a new maintenance facility for the Road and Bridge Department to enhance the county's debris management capabilities.	Jackson County	Road and Bridge	All Hazards	3	\$1,500,000		Completed		2016-2020	2009	
38	80	Construction	Mitigate the stormwater flooding at the corner of CR 167 and CR 162.	Jackson County	Road and Bridge	Flooding	2	\$1,500,000	PDM/HMGP	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2004	

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39	80	Construction	Mitigate stormwater flooding in the Cypress community ditch system throughout the area by clearing the drainage ditches and system enlargement.	Jackson County	Road and Bridge	Flooding	2	\$500,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2004	
40	80	Construction	Mitigate stormwater flooding problem on Plainview Road.	Jackson County	Road and Bridge	Flooding	2	\$200,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2004	
41	80	Construction	Mitigate stormwater flooding in the Kynesville Road/Crooms Road/Roswell Road area by replacing culverts.	Jackson County	Road and Bridge	Flooding	2		PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2004	
42	80	Construction	Facilitate stormwater management improvements on the WPA Canal.	Jackson County and Sneads	Road and Bridge	Flooding	9	\$2,000,000	CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	1999	
43	80	Construction	Mitigate stormwater flooding on Columbus Road by installing additional culverts and building up the road bed.	Jackson County	Road and Bridge	Flooding	2	\$200,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
44	80	Construction	Mitigate stormwater flooding on Pleasant Ridge Road.	Jackson County	Road and Bridge	Flooding	2	\$400,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
45	80	Construction	Mitigate the stormwater flooding problem in the Taylor Bay area of County Road 167 and State Road 2 by adding drainage swales and culverts.	Jackson County	Road and Bridge	Flooding	2	\$500,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2004	
46	80	Construction	Mitigate the effects of stormwater flooding on Sandridge Church Road by building up the road bed.	Jackson County	Road and Bridge	Flooding	2	\$200,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	

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47	80	Construction	Mitigate the effects of stormwater flooding on Gemstone Road by building up the road bed.	Jackson County	Road and Bridge	Flooding	2	\$500,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
48	80	Construction	Mitigate the effects of stormwater flooding on Pooser Road by constructing concrete ditches.	Jackson County	Road and Bridge	Flooding	2	\$500,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
49	80	Construction	Mitigate the effects of stormwater flooding on Field Road.	Jackson County	Road and Bridge	Flooding	2	\$400,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
50	80	Construction	Replace the wooden bridge on Cypress Creek Road over Cypress Creek.	Jackson County	Road and Bridge	Flooding	2	\$130,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
51	78	Construction	Mitigate the stormwater flooding problem at the Chipola Public Service Center.	Jackson County	Road and Bridge	Flooding	2		PDM/HMGP	Completed by Agency		2016-2020	2009	
52	78	Construction	Determine number and construct tornado shelters in manufactured home parks that have more than 20 units.	Jackson County, Alford, Bascom, Campbellton, Cottondale, Graceville, Grand Ridge, Greenwood, Jacob, Malone, Marianna and	Emergency Management	Tornado/High Winds	9		CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2004	
53	78	Construction	Build hurricane shelters for the communities of Cottondale, Sneads and Grand Ridge that will also service Campbellton, Jacob and Alford.	Jackson County	Emergency Management	Hurricane	9		CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2004	

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54	78	Construction	Mitigate the stormwater flooding problem on First Street from Virginia Street to Texas Street by installing culverts and cleaning and re-sloping ditches.	Alford	Public Works	Flooding	2	\$200,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	1999	
55	78	Equipment	Rehabilitate community's water wells.	Sneads	Public Works	All Hazards	1	\$300,000	CDBG	Deferred	Withdrawn by Agency-	2016-2020	2009	
56	78	Equipment	Installation of a generator for the Town Hall, Police Station and maintenance facility.	Sneads	Public Works	All Hazards	3	\$225,000	CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
57	78	Construction	Construct a new emergency services building that is storm resistant to house the community's Police and Fire Departments along with a Fire / Rescue Unit from the county.	Sneads	Public Works	High Winds	3	\$701,000	FGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
58	76	Construction	Repair the stormwater drainage system to include Providence Church Road and Shady Grove Highway by clearing and re-sloping the drainage ditches.	Grand Ridge	Public Works	Flooding	9		CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2004	
59	76	Equipment	Purchase and install a generator at the Town Hall.	Grand Ridge	Public Works	All Hazards	3	\$80,000	CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
60	76	Construction	Remove trees on the road right-of-way that pose a danger to vehicle traffic.	Alford	Public Works	High Winds	9	\$100,000		Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
61	76	Construction	Install culverts at the corners of Louisiana Avenue and 2nd and 3rd Avenues to reduce stormwater flooding.	Alford	Public Works	Flooding	2	\$150,000	CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	

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62	76	Construction	Up-grade culverts at the intersection of Arizona Street and 1st Avenue to accommodate additional stormwater drainage from the Westwood area.	Alford	Public Works	Flooding	9	\$150,000	CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
63	76	Construction	Pave dirt roads that repetitively washout during heavy rains.	Alford	Public Works	Flooding	9	\$650,000	CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
64	76	Construction	Mitigate storwater follding at Texas Street from First Street to Third Street by clearing and resloping ditches	Alford	Public Works	Flooding	2	\$150,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	1999	
65	76	Construction	Mitigate stormwater flooding at Town Hall.	Campbellton	Public Works	Flooding	3	\$175,000	PDM/HMGP	Completed		2016-2020	2009	
66	76	Equipment	Purchase and install generators at lift stations	Grand Ridge	Public Works	All Hazards	1	\$95,000	CDBG	Deferred	Withdrawn by Agency-	2016-2020	2009	
67	76	Construction	Upgrade water system to meet or exceed state and federal requirements.	Grand Ridge	Public Works	All Hazards	1		CDBG	Completed by Agency		2016-2020	2009	
68	76	Construction	Install a culvert at the corner of Virginia St and 2nd Avenue to mitigate stormwater flooding.	Alford	Public Works	Flooding	2	\$200,000	PDM/HMGP	Completed by Agency		2016-2020	2009	
69	76	Equipment	Purchase and install generator at Town Hall	Alford	Public Works	All Hazards	3	\$75,000	CDBG	Deferred	Withdrawn by Agency- not	2016-2020	2009	
70	76	Construction	Construct a new emergency response facility able to house multiple emergency	Alford	Public Works	All Hazards	3	\$710,000	FGP	Completed by Agency		2016-2020	2009	
71	76	Construction	Stabilize the base of sandy clay roads throughout the community to lessen the impact of flood events.	Grand Ridge	Public Works	Flooding	9		CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	

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72	76	Construction	Construct a stormwater drainage ditch along Westwood Avenue and install culverts at each driveway.	Alford	Public Works	Flooding	2	\$175,000	CDBG	Completed by Agency		2016-2020	2009	
73	76	Construction	Retrofit the sewer system to reduce stormwater instrution where cost effective.	Grand Ridge	Public Works	Flooding	1		CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
74	74	Purchase	Purchase and install a generator for the Town Hall/Community Center that will also provide electrical power to the traffic signal at US Hwy 231 and SR 2.	Campbellton	Public Works	All Hazards	3	\$95,000	CDBG	Deleted	See Project 174	2016-2020	1999	
75	74	Planning	Facilitate a countywide storwater management study to include each of the county's municipalities.	Jackson County	Public Works	Flooding	6			Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	1999	
76	74	Equipment	Repair non-functioning and failing equipment at the two municipal water wells.	Cottondale	Public Works	All Hazards	1	\$875,000	CDBG	Completed by Agency		2016-2020	2009	
77	74	Equipment	Enhance the fuel storage capacity for the generators that provide power to the two wells.	Alford	Public Works	All Hazards	3	\$80,000	CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
78	74	Equipment	Replace and repair failing equipment at the wastewater treatment plant.	Cottondale	Public Works	Flooding	1	\$750,000	CDBG	Completed by Agency		2016-2020	2009	
79	74	Equipment	Improve county wide radio systems to meet the 2015 federal upgrade requirement to include required repeaters and structures.	Jackson County	Emergency Management	All Hazards	3			Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	

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80	74	Construction	Mitigate stormwater flooding at Gilmore Street by replacing existing culverts with larger culverts.	Marianna	Public Works	Flooding	2	\$35,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
81	74	Construction	Improve current efforts to remove dead, dying and diseased trees or branches next to roadways and power lines.	Jackson County	County and municipal public works	Severe Weather	9	Unavailable		Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
82	74	Equipment	Purchase and install a new generator at water well 1.	Greenwood	Public Works	All Hazards	3	\$90,000	CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
83	72	Construction	Construction of a new well site with two wells including the acquisition of land.	Malone	Public Works	All Hazards	1	\$840,000	CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
84	72	Equipment	Purchase and install generator at the community's water well.	Campbellton	Public Works	All Hazards	3	\$40,000	CDBG	Completed by Agency		2016-2020	2009	Original project was for \$80,000 and two wells - one well has been
85	72	Construction	Enhance the capability to respond to fires and other emergencies by replacing the fire station.	Bascom	Public Works	Urban Fire	4	\$450,000	FGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
86	72	Construction	Replace wooden bridge on College Road over Holmes Creek.	Jackson County	Road and Bridge	Flooding	2	\$140,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
87	72	Construction	Replace the wooden bridge on Tobacco Road over Tobacco Slough.	Jackson County	Road and Bridge	Flooding	2	\$60,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
88	72	Construction	Replace the wooden bridge on Palmview Road over Pine Barn Branch.	Jackson County	Road and Bridge	Flooding	2	\$120,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
89	72	Construction	Replace the wooden bridge on Braswell road over Carpenter Sink Creek.	Jackson County	Road and Bridge	Flooding	2	\$75,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	

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90	72	Construction	Replace the wooden bridge on New Bridge Road over Cowarts Creek.	Jackson County	Road and Bridge	Flooding	2	\$140,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
91	72	Construction	Replace the wooden bridge on Rowell Road over Little Dry Creek.	Jackson County	Road and Bridge	Flooding	2	\$75,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
92	72	Construction	Replace the wooden bridge on Cooley Road over Gum Creek.	Jackson County	Road and Bridge	Flooding	2	\$75,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
93	72	Construction	Replace the wooden bridge on Satellite Road over Gum Creek.	Jackson County	Road and Bridge	Flooding	2	\$140,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
94	72	Construction	Replace the wooden bridge on Bradley Road over Carpenter Sink Creek.	Jackson County	Road and Bridge	Flooding	2	\$150,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
95	72	Construction	Replace the wooden bridge on Aycock Road over Unnamed Branch.	Jackson County	Road and Bridge	Flooding	2	\$60,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
96	72	Construction	Replace the wooden bridge on Hasty Pond Road over Mill Creek.	Jackson County	Road and Bridge	Flooding	2	\$90,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
97	72	Construction	Replace the wooden bridge on Pleasant Ridge Road over Gum Slough.	Jackson County	Road and Bridge	Flooding	2	\$75,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
98	72	Equipment	Purchase and distribute 300 NOAA Weather Radios to the county's disabled citizens.	Jackson County and all municipalities	Emergency Management	All Hazards	10	\$13,500	FDEM	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
99	72	Planning	Facilitate an emergency communications study for the county and municipalities to determine the county's future communications needs.	Jackson County and all municipalities	Emergency Management	All Hazards	4	\$10,000	SHSGP - IO Subcommittee	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
100	72	Construction	Purchase and install tornado warning sirens throughout the county.	Jackson County and all municipalities	Emergency Management	Severe Weather	10		HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2004	

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101	72	Construction	Replace the wooden bridge on New Bridge Road over Cowarts Creek.	Jackson County	Road and Bridge	Flooding	2		PDM/HMGP	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2009	
102	72	Construction	Replace the wooden bridge on Pittman Hill Road over Jack Creek.	Jackson County	Road and Bridge	Flooding	2	\$60,000	PDM/HMGP	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2009	
103	72	Construction	Replace the wooden bridge over Chason Road over Mill Creek.	Jackson County	Road and Bridge	Flooding	2	\$60,000	PDM/HMGP	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2009	
104	72	Construction	Replace the wooden bridge on Curlee Road over Unnamed Branch.	Jackson County	Road and Bridge	Flooding	2	\$60,000	PDM/HMGP	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2009	
105	72	Construction	Replace the wooden bridge on Reddick Mill Road over Holmes Creek.	Jackson County	Road and Bridge	Flooding	2	\$75,000	PDM/HMGP	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2009	
106	72	Construction	Replace the wooden bridge on Maddox Road over Mill Creek.	Jackson County	Road and Bridge	Flooding	2	\$60,000	PDM/HMGP	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2009	
107	72	Construction	Replace the wooden bridge on Galilee Road over Minnow Creek.	Jackson County	Road and Bridge	Flooding	2	\$95,000	PDM/HMGP	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2009	
108	72	Construction	Replace the wooden bridge on Aycock Road known as Pine Barn	Jackson County	Road and Bridge	Flooding	2	\$105,000	PDM/HMGP	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2009	
109	72	Construction	Replace the unnamed wooden bridge on Palmview Road.	Jackson County	Road and Bridge	Flooding	2	\$60,000	PDM/HMGP	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2009	
110	72	Construction	Replace the wooden bridge on Ulysses Road over Gum Slough.	Jackson County	Road and Bridge	Flooding	2	\$105,000	PDM/HMGP	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2009	
111	72	Equipment	Purchase and install a generator at the Eleventh Avenue water facility and the main pump.	Malone	Public Works	All Hazards	1	\$75,000	CDBG	Deleted	No longer necessary.	2016-2020	1999	
112	72	Equipment	Both of the community's water wells need to be rehabilitated due to the loss of pumping capacity and water quality.	Malone	Public Works	All Hazards	1	\$225,000	CDBG/NWF W MD	Completed by Agency		2016-2020	2009	Received grant for refurbishment from CDBG

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113	72	Construction	Retrofit two water wells to guarantee adequate water pressure is maintained at fire hydrants to meet firefighting requirements	Campbellton	Public Works	Urban Fire/Wildfire	1	\$600,000	CDBG	Deleted	No longer necessary.	2016-2020	2009	
114	71	Construction	Replace the wooden bridge on Reno Road over Carpenter Sink Creek.	Jackson County	Road and Bridge	Flooding	2	\$60,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
115	71	Construction	Replace the wooden bridge on Pilgrim Rest Church Road over Shores Mill Creek.	Jackson County	Road and Bridge	Flooding	2	\$60,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
116	71	Construction	Replace the wooden bridge on Damascus Church Road over Fish Creek.	Jackson County	Road and Bridge	Flooding	2	\$60,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
117	71	Construction	Replace the wooden bridge on Woodrest Road over Pine Barn Branch.	Jackson County	Road and Bridge	Flooding	2	\$155,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
118	71	Construction	Replace the wooden bridge on Spruce Road over Holmes Creek.	Jackson County	Road and Bridge	Flooding	2	\$155,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
119	71	Construction	Replace the wooden bridge on Prim Avenue over Holmes Creek.	Jackson County	Road and Bridge	Flooding	2	\$500,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
120	71	Construction	Replace the wooden bridge on Cliff Road over Minnow Creek.	Jackson County	Road and Bridge	Flooding	2	\$60,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
121	71	Construction	Replace the wooden bridge on Bridge Road over Pelt Creek.	Jackson County	Road and Bridge	Flooding	2	\$60,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
122	70	Equipment	Launch and maintain a citizen notification system (Reverse 911) which will enable the county emergency response officials to alert citizens.	Jackson County and municipalities	Emergency Management	All Hazards	4			Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
123	70	Construction	Upgrade guardrails on county roads to meet Florida DOT standards.	Jackson County	Road and Bridge	Flooding	7		FDOT	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2004	

Project #	Priority	Project Type	Project Description	Jurisdiction	Lead Agency	Hazard Mitigated	Goal	Estimated Cost	Potential Funding Source	New, Deferred, Completed, Deleted	If Deleted Why?	Timeframe	Date Proposed	Status
124	70	Construction	Replace the wooden bridge on Dipper Road over Fox Mill Creek.	Jackson County	Road and Bridge	Flooding	3	\$75,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
125	70	Public Outreach	Launch and maintain a Community Emergency Response Team for people with disabilities and the organizations representing the county's disabled.	Jackson County and municipalities	Emergency Management	All Hazards	10	\$15,000	CERT	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
126	70	Equipment	Purchase and install generators at all water wells.	Graceville	Public Works	All Hazards	1	\$150,000	CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2004	
127	68	Equipment	Purcase and distribute NOAA weather radios to residents throughout the county.	Jackson County and municipalities	Emergency Management	All Hazards	10	\$80,000		Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
128	68	Planning	Identify potential sinkhole threat.	Bascom	Public Works	Sinkhole	5	\$25,000		Deferred	Withdrawn by Agency-	2016-2020	2009	
129	66	Construction	Mitigate stormwater flooding/drainage problems at the intersection of Long Pine Street and Cedar Street which created evacuation problems during flooding.	Campbellton	Public Works	Flooding	2	\$125,000		Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	1999	
130	66	Construction	Enhance the capability to respond to fires and other emergencies by replacing the fire stations in Alford, Campbellton and Marianna.	Jackson County, Alford, Campbellton and Marianna	Fire Rescue	Urban Fire/Wildfire	4	\$10,000,000	FGP	Deleted	Replaced by individual projects - see project #s 185, 186 and 187	2016-2020	2009	
131	66	Construction	Mitigate stormwater flooding in the Caney Pond area.	Cottondale	Public Works	Flooding	2		PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	1999	
132	64	Construction	Mitigate stormwater flooding on 9th Avenue from 3rd street to West End.	Marianna and Jackson County	Public Works	Flooding	2	\$470,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	

Project #	Priority	Project Type	Project Description	Jurisdiction	Lead Agency	Hazard Mitigated	Goal	Estimated Cost	Potential Funding Source	New, Deferred, Completed, Deleted	If Deleted Why?	Timeframe	Date Proposed	Status
133	64	Construction	Pre-wire all existing school district fuel sites to accept a 60KW mobile generator to support emergency fueling.	Jackson County and all municipalities	Emergency Management	All Hazards	4	\$15,000	HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
134	64	Construction	Construct a new wind resistant fire station.	Graceville	Public Works	Severe Weather	3	\$601,000	FGP	Deferred	Withdrawn by Agency-	2016-2020	2009	
135	64	Equipment	Purchase and install a generator at water well 1.	Grand Ridge	Public Works	All Hazards	1	\$50,000	CDBG	Deferred	Withdrawn by Agency-	2016-2020	2004	
136	64	Equipment	Identify and purchase equipment needed for responding to a hazardous materials release.	Jackson County and municipalities	Public Works	Hazardous Materials	4	Unavailable	General Revenue	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
137	62	Construction	Enhance water flow for firefighting by rehabilitating undersized and failing water lines.	Malone	Public Works	Urban Fire/Wildfire	4	\$271,000	CDBG, State	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	Requested funds from 2016 Legislature
138	62	Construction	Repair the First River Road Bridge to address scouring.	Jackson County	Road and Bridge	Flooding	2		PDM/HMGP	Completed		2016-2020	2004	
139	62	Equipment	Purchase back-up sewage pumping and storage equipment.	Malone	Public Works	Flooding	1	\$90,000	CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
140	62	Equipment	Purchase and install smoke alarms in low income owner occupied homes.	Grand Ridge	Volunteer Fire Department	Urban Fire	10	\$15,000	FGP or Red Cross	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
141	60	Public Outreach	In coordination with the Chamber of Commerce design and facilitate an ongoing offering of disaster education outreach activities business owners.	Jackson County and municipalities	Emergency Management	All Hazards	10	\$15,000	HMGP/Rest o re	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
142	58	Construction	Mitigate the effects of severe wind on City Hall by installing storm shutters.	Graceville	Public Works	Severe Weather	3	\$40,000	PDM/HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	

Project #	Priority	Project Type	Project Description	Jurisdiction	Lead Agency	Hazard Mitigated	Goal	Estimated Cost	Potential Funding Source	New, Deferred, Completed, Deleted	If Deleted Why?	Timeframe	Date Proposed	Status
143	58	Purchase/Construction	Purchase property on Watford Street and construct a stormwater	Graceville	Public Works	Flooding	5	\$300,000	CDBG	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	1999	
144	58	Construction	Construct a new City Hall/Community Center.	Jacob	Public Works	All Hazards	3	500000		Deferred	Withdrawn by Agency-	2016-2020	2009	
145	56	Public Outreach	Design and facilitate a household disaster resilience initiative to educate low/moderate income families to be prepared for future	Grand Ridge	Public Works	All Hazards	10	\$10,000	Citizen Corps	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2009	
146	56	Construction	Mitigate stormwater flooding at John Thomas Porter Park.	Grand Ridge	Public Works	Flooding	2		PDM/HMGP	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2009	
147	56	Construction	Mitigate the effects of severe wind on City Hall by installing storm shutters.	Cottdondale	Public Works	Severe Weather	3	\$40,000	HMGP	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2009	
148	56	Construction	Mitigate the effects of severe wind on Town Hall by installing storm shutters.	Malone	Public Works	Severe Weather	3	\$25,000	HMGP	Deleted	Building won't survive hurricane force	2016-2020	2009	
149	56	Construction	Mitigate the flooding problems in the stormwater retention facility located between the CSX Railroad and U.S. Hwy 90.	Sneads	Public Works	Flooding	5	\$400,000	CDBG	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2004	
150	56	Construction	Mitigate the effects of severe wind on the Community Center by installing hurricane shutter and additional hurricane straps.	Campbellton	Public Works	Severe Weather	3	\$25,000	HMGP	Deleted	See Project 174	2016-2020	2009	
151	54	Equipment	Purchase and install generator at City Hall.	Jacob	Public Works	All Hazards	3	\$50,000	CDBG	Deferred	Withdrawn by Agency-	2016-2020	2009	

Project #	Priority	Project Type	Project Description	Jurisdiction	Lead Agency	Hazard Mitigated	Goal	Estimated Cost	Potential Funding Source	New, Deferred, Completed, Deleted	If Deleted Why?	Timeframe	Date Proposed	Status
152	54	Equipment	Purchase and install a generator for Town Hall.	Bascom	Public Works	All Hazards	3	\$50,000	CDBG	Deferred	Withdrawn by Agency-	2016-2020	2009	
153	54	Equipment	Purchase and install a generator at City Hall.	Malone	Public Works	All Hazards	3	\$50,000	CDBG	Deferred	Withdrawn by Agency-	2016-2020	2009	
154	54	Equipment	Purchase and install a generator at City Hall.	Cottdondale	Public Works	All Hazards	3	\$50,000	CDBG	Completed by Agency		2016-2020	2009	
155	54	Acquisition	Mitigate stormwater flooding at 3029 Riverview Road through acquisition of property.	Marianna	Public Works	Flooding	5	\$53,000	HMGP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
156	54	Equipment	Purchase and install a generator at the Police Station.	Cottdondale	Public Works	All Hazards	3	\$70,000	CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
157	52	Planning	Facilitate a water system study to identify locations for additional fire hydrants.	Grand Ridge	Public Works	Urban Fire/Wildfire	4		CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
158	52	Equipment	Purchase and install surge protection equipment to fortify the town's cable system from power transients	Campbellton	Public Works	Severe Weather	9	\$40,000		Deleted		2016-2020	2009	
159	52	Planning	Identify school facilities in need of hurricane shuttering and other structural mitigation initiatives focusing on the schools in the Malone and Graceville communities first.	Jackson County	Emergency Management/School District	Severe Weather	2	\$0		Completed		2016	2009	
160	50	Equipment	Purchase and install back-up generator for local businesses that perform essential functions.	Grand Ridge	Public Works	All Hazards	4	Unknown		Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	

Project #	Priority	Project Type	Project Description	Jurisdiction	Lead Agency	Hazard Mitigated	Goal	Estimated Cost	Potential Funding Source	New, Deferred, Completed, Deleted	If Deleted Why?	Timeframe	Date Proposed	Status
161	48	Construction	Construct a new Sheriff's Office and Dispatch Center that meets hurricane building standards to ensure continued emergency response capabilities.	Jackson County	Sheriff's Office	Severe Weather	3	\$12,000,000	CDBG, USDA and State Revenue	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
162	48	Construction	Rehabilitate failing roadways that do not meet current design and safety standards.	Cottondale	Public Works	Flooding	2	\$650,000	CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
163	46	Construction	Improve community resiliency by renovating existing site built housing stock.	Grand Ridge	Public Works	All Hazards	5	Unknown	SHIP/RCMP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
164	46	Equipment	Purchase and install a generator at the Jackson County Senior Center in Marianna.	Jackson County	Emergency Management	Severe Weather	2	\$75,000	CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
165	44	Equipment	Purchase and install a generator at the Jackson County Senior Center in Graceville.	Jackson County	Emergency Management	Severe Weather	2	\$75,000	CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
166	42	Equipment	Purchase and install a generator at Town Hall that will also provide electrical power to the traffic signal at the corner of SR 71 and SR 69.	Greenwood	Public Works	All Hazards	3	\$80,000	CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
167	36	Construction	Upgrade Peanut Street to meet standards for a road used for industrial purposes	Greenwood	Public Works	All Hazards	2	\$450,000	CDBG	Completed		2016-2020	2009	
168	36	Construction	Coordinate with FDOT to add two additional lanes to State Road 69.	Grand Ridge	Public Works	All Hazards	12	\$0		Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	

Project #	Priority	Project Type	Project Description	Jurisdiction	Lead Agency	Hazard Mitigated	Goal	Estimated Cost	Potential Funding Source	New, Deferred, Completed, Deleted	If Deleted Why?	Timeframe	Date Proposed	Status
169	28	Construction	Extend water and wastewater treatment services to all citizens thereby reducing repetitive damage to septic tanks and increase the number of fire hydrants.	Campbellton	Public Works	All Hazards	1	\$3,000,000	CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2009	
170	28	Planning	Identify additional hazard data to satisfy element 7B which refers to the impact of hazards to the county in regards to Code of Federal Regulations 201.6(2)(ii).	Jackson County and municipalities	Community Development Department	All Hazards	4	Unknown	BECP	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2010	
171	78	Planning	Develop a CWPP in collaboration with local government, local fire departments and state forestry agency, to effectively address local wildand fuel conditions, values-at-risk from a wildfire and set priorities for	Jackson County	Emergency Management/ Fire Rescue	Urban Fire/Wildfire	4	\$0		Deferred	Withdrawn by Agency- not feasible in timely manner	2016	2015	
172	56	Construction	Complete refurbishing of Well #3 and connect waterlines under railroad tracks on Ellaville to waterline on Long Pine.	Campbellton	Public Works	Urban Fire/Wildfire	4	\$135,651	CDBG	Completed by Agency		2016-2017	2015	
173	46	Construction	Upgrade water lines, tank, meters, backflows and fire protection.	Campbellton	Public Works	Urban Fire/Wildfire		\$1,700,000	TPD	Completed by Agency		2016-2020	2015	
			Retrofit Community Center Building to include telephone, internet, storm shutters, hurricane straps and generator for fire dent/CC and Hwy 231											
175	68	Construction	Construct new City Hall.	Campbellton	Public Works	All Hazards	2	\$800,000	CDBG/RD	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2018	2015	

Project #	Priority	Project Type	Project Description	Jurisdiction	Lead Agency	Hazard Mitigated	Goal	Estimated Cost	Potential Funding Source	New, Deferred, Completed, Deleted	If Deleted Why?	Timeframe	Date Proposed	Status
176	67	Construction	Construct new Emergency Services and Town Building to code.	Campbellton	Public Works	All Hazards	2	\$825,000	FEMA/RD/Town	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2015	
177	56	Construction	Provide potable water and fire protection (fire hydrants) to approx 100 homes in Dogwood Heights through extension of the water lines.	Marianna	Public Works	Urban Fire/Wildfire	4	\$900,000	FDEP	Completed by Agency		2016-2020	2015	
178	81	Construction	Provide stormwater retention treatment and rate control for stormwater before entering Chipola River at Kelson Avenue.	Marianna	Public Works	Flooding	9	\$1,500,000	FDOT/NWFWMD	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2015	
179	81	Construction	Purchase land at Sunset Drive and Hall Street for construction of a stormwater retention pond.	Marianna	Public Works	Flooding	9	\$50,000	NWFWMD	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2015	
180	88	Construction	Shutter identified schools in Malone and Graceville	Jackson County	Emergency Management	Severe Weather	5	\$150,000	State Funding	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2017	2015	Funding is already identified and
181	84	Equipment	Install a 200 KW generator at the Chipola Public Service Center (used as alternate shelter for responders)	Jackson County	Emergency Management	All Hazards	2	\$200,000	HMGP	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2015	
182	78	Construction	Construct a new fire station.	Marianna	TBD	Urban Fire/Wildfire	1	\$1,750,000	Varies	Deferred	Withdrawn by Agency-	2016-2020	2014	
183	58	Equipment	Purchase an aerial Truck	Jackson County	Fire Rescue	Urban Fire/Wildfire	4	\$750,000	Multiple	Deferred	Withdrawn by Agency-	2016-2020	2014	
184	80	Construction	Mitigate stormwater flooding at Gulf Power Road.	Sneads	Public Works	Flooding	2	TBD	Multiple	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2014	
185	74	Construction	Enhance the capability to respond to fires and other emergencies by replacing the fire stations in Alford	Alford/Jackson County	Jackson County Fire Rescue	All Hazards		\$850,000	CDBG	Deferred(was 130)	Withdrawn by Agency-	2016-2020	2015	

Project #	Priority	Project Type	Project Description	Jurisdiction	Lead Agency	Hazard Mitigated	Goal	Estimated Cost	Potential Funding Source	New, Deferred, Completed, Deleted	If Deleted Why?	Timeframe	Date Proposed	Status
186	74	Construction	Enhance the capability to respond to fires and other emergencies by replacing the fire stations in Campbellton/West Jackson	Campbellton/Jackson County	Jackson County Fire Rescue	All Hazards		\$850,000	CDBG	Deferred (was 130)	Withdrawn by Agency-	2016-2020	2015	Land being purchased with county funds.
187	74	Construction	Enhance the capability to respond to fires and other emergencies by replacing the fire station in Marianna/Hwy 90 and 71	Marianna/Jackson County	Jackson County Fire Rescue	All Hazards		\$1,500,000	CDBG	Completed by Agency		2016-2020	2015	
188	74	Construction	Enhance the capability to respond to fires and other emergencies by replacing the fire station in Sneads/East Jackson	Sneads/Jackson County	Jackson County Fire Rescue	All Hazards		\$850,000	CDBG	Deferred (was 130)	Withdrawn by Agency-	2016-2020	2015	
189	64	Construction	Provide fire protection (fire hydrants) to Alford through extension of the water lines.	Alford	Jackson County Fire Rescue	Urban Fire/Wildfire	4	TBD	CDBG	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2015	
190	64	Construction	Provide fire protection (fire hydrants) to Bascom through extension of the water lines.	Bascom	Jackson County Fire Rescue	Urban Fire/Wildfire	4	TBD	CDBG	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2015	
191	64	Construction	Provide fire protection (fire hydrants) to Campbellton through extension of the water lines.	Campbellton	Jackson County Fire Rescue	Urban Fire/Wildfire	4	TBD	CDBG	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2015	
192	64	Construction	Provide fire protection (fire hydrants) to Cottdale through extension of the water lines.	Cottdale	Jackson County Fire Rescue	Urban Fire/Wildfire	4	TBD	CDBG	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2015	
193	64	Construction	Provide fire protection (fire hydrants) to Graceville through extension of the water lines.	Graceville	Jackson County Fire Rescue	Urban Fire/Wildfire	4	TBD	CDBG	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2015	
194	64	Construction	Provide fire protection (fire hydrants) to Grand Ridge through extension of the water lines.	Grand Ridge	Jackson County Fire Rescue	Urban Fire/Wildfire	4	TBD	CDBG	Deferred	Withdrawn by Agency-not feasible in timely manner	2016-2020	2015	

Project #	Priority	Project Type	Project Description	Jurisdiction	Lead Agency	Hazard Mitigated	Goal	Estimated Cost	Potential Funding Source	New, Deferred, Completed, Deleted	If Deleted Why?	Timeframe	Date Proposed	Status
195	64	Construction	Provide fire protection (fire hydrants) to Greenwood through extension of the water lines.	Greenwood	Jackson County Fire Rescue	Urban Fire/Wildfire	4	TBD	CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2015	
196	64	Construction	Provide fire protection (fire hydrants) to unincorporated Jackson County through extension of the water lines.	Jackson County	Jackson County Fire Rescue	Urban Fire/Wildfire	4	TBD	CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2015	
197	64	Construction	Provide fire protection (fire hydrants) to Jacob through extension of the water lines.	Jacob	Jackson County Fire Rescue	Urban Fire/Wildfire	4	TBD	CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2015	
198	64	Construction	Provide fire protection (fire hydrants) to Malone through extension of the water lines.	Malone	Jackson County Fire Rescue	Urban Fire/Wildfire	4	TBD	CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2015	
199	64	Construction	Provide fire protection (fire hydrants) to Marianna through extension of the water lines.	Marianna	Jackson County Fire Rescue	Urban Fire/Wildfire	4	TBD	CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2015	
200	64	Construction	Provide fire protection (fire hydrants) to Sneads through extension of the water lines.	Sneads	Jackson County Fire Rescue	Urban Fire/Wildfire	4	TBD	CDBG	Deferred	Withdrawn by Agency- not feasible in timely manner	2016-2020	2015	

Annex B – Planning Meeting Materials

**LMS COMMITTEE MEETING
UPDATE ON LMS PROJECTS
AUGUST 17, 2016 10:30 AM**

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NAME	AGENCY	E-MAIL ADDRESS/ PHONE NUMBER
Eva McArthur	Walm Eng	
Renae Lewis	Jackson EMA	718-0002
Silvestra Throp	Town of Alford	
Walter D. Arroyo	JCFR	warroyd@jacksoncountyfl.com
Jeff Johnson	JCSO	johansonje@flcn.net
George Gay	Marianna Office	georgegay@cityofMarianna.com
Scott Birge	JCFR	
Dustin Evans	MFD	Marianna - 155 @ Yahoo.com 209-8678
Josh Simmons	MFD	simmons2213@icloud.com 850-718-6813
John Gillett	MFD	850-573-7679 gillett-Construction@hotmail.com
Larry Alvarez	LCBCL	lalvarez@jacksoncountyfl.com
Wanda Stafford	FDEM	Wanda.Stafford@enc.myflorida.com 850-528-7525

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102

MINUTES
LOCAL MITIGATION STRATEGY WORKING GROUP
AUGUST 17, 2016

Members Present:

Al Green	Jackson County Road and Bridge
Evan McAllister	Melvin Engineering
Nakeya Lovett	Marianna Fire Rescue
Pam Pichard	County Administration
Renee' Scurlock-Lowe	Emergency Management
Silvestra Tharpe	Town of Alford
George Gay	Town of Alford & Marianna Fire Rescue
Willfredo Arroyo	Jackson County Fire Rescue
Scott Birge	Jackson County Fire Rescue
Larry Alvarez	Jackson County Engineering
Jeff Johnson	Sheriff's Department
Rodney Andreasen	Emergency Management

Guests:

Wanda Stafford	Division of Emergency Management Region 1
Josh Simmons	Marianna Fire Rescue
John Gullet	Marianna Fire Rescue
Dustin Evans	Marianna Fire Rescue

2016 LMS Plan - Discussion of the 2016 FEMA Approved LMS plan. Anyone not having a plan, please let Renee' or Rodney know.

Florida Administrative Code 27P-22.004 - Rodney distributed and discussed the duties of the LMS Working Group. The LMS Working Group will meet again before the end of the year and vote on new projects to be ranked and added to the LMS Project Work List. We will also vote on a Chair and Vice-Chair for the new year.

Update Documentation — A new form has been created to add new projects to the work list. This form is a mirror of the information that is required in the LMS. The form was distributed and members were asked to use it.

Other Matters - The committee discussed Communications. This will be addressed again at the next meeting.

Next Meeting - The next meeting is tentatively set for Tuesday, December 6, 2016 at 9:00 am in the Emergency Operations Center

Minutes taken by: Renee' Scurlock-Lowe

AGENDA LMS MEETING

17 AUG 2016

1. 2016 LMS Plan
2. Florida Administrative Code 27-22.004
3. Update Documentation

27P-22.004 LMS Working Groups.

Each county electing to participate in the HMGP must have a formal LMS Working Group and a current FEMA approved LMS.

(1) Not later than the last working weekday of January of each year the Chairperson of the Board of County Commissioners shall submit to the Division a list of the members of the Working Group and its designated Chairperson and Vice-Chairperson.

(2) The Working Group shall include, at a minimum:

(a) Representation from various agencies of county government which may include, but not be limited to, planning and zoning, roads, public works and emergency management;

(b) Representation from all interested municipalities within the county; and

(c) Representation from interested private organizations, civic organizations, trade and commercial support groups, property owners associations, Native American Tribes or authorized tribal organizations, water management districts, regional planning councils, independent special districts and non-profit organizations.

(3) The county shall submit documentation to show that within the preceding year it has issued a written invitation to each municipality, private organization, civic organization, Native American Tribe or authorized tribal organization, water management district, independent special district and non-profit organization, as applicable, to participate in the LMS working group. This documentation shall accompany the membership list submitted to the Division.

(4) The Working Group shall have the following responsibilities:

(a) To designate a Chairperson and Vice-Chairperson;

(b) To develop and revise an LMS as necessary;

(c) To coordinate all mitigation activities within the County;

(d) To set an order of priority for local mitigation projects; and

(e) To submit annual LMS updates to the Division by the last working weekday of each January. Updates shall address, at a minimum:

1. Changes to the hazard assessment;
2. Changes to the project priority list;
3. Changes to the critical facilities list;
4. Changes to the repetitive loss list; and
5. Revisions to any maps.

Rulemaking Authority 252.35(2)(x) FS. Law Implemented 252.311, 252.32, 252.35 FS. History—New 2-24-02, Formerly 9G-22.004, Amended 7-1813.

Local Mitigation Strategy Proposed Project Worksheet

Project Type: _____ (i.e. Equipment, Construction, etc.)

Project

Description: _____

Jurisdiction: _____ (i.e. City, County, other entity, etc.)

Lead Agency: _____ (Who will develop the project or work related requirements)

Hazard Mitigated: _____ (All-Hazards, Flooding, Severe Weather, etc.)

Goal Number: _____ (Goals listed on Page 49/50 of the LMS)

Estimated Cost: _____ (Dollar estimate for the Project)

Potential Funding Source: _____

Time Frame for Completion: _____

Proposed Date: _____

Attach any supporting documentation:

LMS COMMITTEE MEETING

DECEMBER 6, 2016 9:00 AM

PLEASE PRINT PRINT PRINT PRINT PRINT

NAME	AGENCY	E-MAIL ADDRESS/ PHONE NUMBER
Rodney Andersen	JCEM	randreasen@jacksoncountyfl.com (850) 718-0007
JEFF JOHNSON	JCSO	johnsajl@fla.in.net 850-573-6379
Renee Lowe	JCEMA	rscurlow@jacksoncountyfl.com 918-0000
Christy Andersen	JCTDC	candreasen@jacksoncountyfl.com 950-209-1223
Em McAlister	Melvin Smy	850 718 4213
Tiffany Gearing	JC Chamber	tiffany@jacksoncountyfl.com 850-559-3451
Hannah Anderson	Florida Forest Service	Hannah.Anderson@FreshFromFlorida.com 850-625-6621
NAKEYA LOVETI	MARIANNA FIRE/	

2016 Jackson County Local Mitigation Strategy Work Group

A G E N D A

Date: Dec 6, 2016

Time: 9:00 AM

Location: EOC

- Sign In
- Chairperson's Report
 - Update of Mitigation Activities
- Old Business
 - Update on Mitigation Projects
- New Business
 - Update of New Mitigation Project Proposals
 - Deadline for Submittal of New Mitigation Projects
 - Nominations
 - Chairperson
 - Vice-Chairperson
- Future meetings
 - January, 2017
- Adjournment

MINUTES
LOCAL MITIGATION STRATEGY WORKING GROUP
DECEMBER 6, 2016

Members Present:

Evan McAllister	Melvin Engineering
Nakeya Lovett	Marianna Fire Rescue
Renee' Scurlock-Lowe	Emergency Management
Jeff Johnson	Sheriff's Department
Rodney Andreasen	Emergency Management
Christy Andreasen	TDC (New member)
Tiffany Garling	Chamber (New member)
Hannah Anderson	Forestry (New member)

Members Not Present:

Al Green	Jackson County Road and Bridge
Pam Pichard	County Administration
Silvestra Tharpe	Town of Alford
George Gay	Town of Alford & Marianna Fire Rescue
Willfredo Arroyo	Jackson County Fire Rescue
Scott Birge	Jackson County Fire Rescue
Larry Alvarez	Jackson County Engineering

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Welcome - Introduction and welcoming of new members.

Update of Mitigation Projects - Mr. Andreasen advised on the funding of several mitigation elevation projects (Fairview Road & Hwy 162). The Chipola Pond Project and the two sewer lift stations were still awaiting notification of funding

Mr. McAllister has advised all of the cities/towns that they need to keep historical data (especially since the heavy rainfall we had yesterday) of issues they have observed.

Update and New Projects Due – A new form has been created to add new projects to the work list. This form is a mirror of the information that is required in the LMS. The form was distributed at the August 17, 2016 meeting, e-mailed with this meeting's reminder and also distributed again at this meeting. These forms are due back to Emergency Management by December 30, 2016 in order to meet the State deadline of January 31, 2017 (see attached letter).

New Chair and Vice-Chair: Due to there not being a quorum the current Chair (Rodney Andreasen and Vice Chair (Evan McAlister) remain in position. If there are others who wish to hold these positions it will be addressed at the meeting in January, 2017.

Next Meeting - Thursday, January 19, 2017 at 8:00 am

Minutes taken by: Renee' Scurlock-Lowe

LMS MEETING

JANUARY 19, 2017 8:00 AM

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2017 Jackson County Local Mitigation Strategy Work Group

A G E N D A

Date: Jan 19, 2017

Time: 8:00 AM

Location: EOC

- Sign In
- Chairperson's Report
 - Update of Mitigation Activities
- Old Business
 - None
- New Business
 - Finalize New Mitigation Projects
 - Submittal of Annual Report
- Adjournment

MINUTES
LOCAL MITIGATION STRATEGY WORKING GROUP
JANUARY 19, 2017

Members Present:

Evan McAllister	Melvin Engineering, Vice Chair
Renee' Scurlock-Lowe	Emergency Management
Rodney Andreasen	Emergency Management, Chair
Tiffany Garling	Chamber
Doug dePerrodil	Road Department (Interim)

Members Not Present:

Nakeya Lovett	Marianna Fire Rescue
Jeff Johnson	Sheriff's Department
Christy Andreasen	TDC (New member)
Hannah Anderson	Forestry
Pam Pichard	County Administration
Silvestra Tharpe	Town of Alford
George Gay	Town of Alford & Marianna Fire Rescue
Willfredo Arroyo	Jackson County Fire Rescue
Scott Birge	Jackson County Fire Rescue
Larry Alvarez	Jackson County Engineering

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LMS Project Update - Mr. Andreasen has updated the LMS Project list with eight (8) new projects that were submitted recently and removed two (2) projects that have been completed.

The project list will be submitted to DEM by January 31, 2017

NOTE: You can submit projects at any time (please use the form that was provided to you in the last couple of emails).

Next Meeting - March 8, 2017 8:30 am

Minutes taken by: Renee' Scurlock-Lowe

LMS AND EM STRATEGIC ADVISORY WORK GROUPS

JULY 27, 2017 9:00 AM

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NAME	AGENCY	E-MAIL ADDRESS/ PHONE NUMBER
Rodney Andersen	EM	(850) 718 0007 randregsen@jacksoncountyfla
George Cy	Marianna Fire Town of Alford	
Pett Daniels	TC Parks	
Natalie Johnson	DOH-Jackson	Natalie.Johnson@flhealth.gov 850-526-2412 ext. 215
Danny Skipper	J TRANS	
Russell Register	J TRANS	
Renee Lowe	EMA	
Doug DeFendol	A+B	
Brian Morris	JL CF	JL F Morris @ Jackson County Fl.com 4F2-9651
Scott Birge	JLFR	
Denise Rhymes	JLSC	
Clifford Gray	Chamber	

LMS AND EM STRATEGIC ADVISORY WORK GROUPS

JULY 27, 2017 9:00 AM

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NAME	AGENCY	E-MAIL ADDRESS/ PHONE NUMBER
MCFOREMAN	JCCF	jcofforeman@jacksoncounty.com 850-570-7793
Jack Noonan	JCSB food service	Jack.Noonan@jcsb.org 850-482-1738
Mike Hodges	JCSO	HODGES(M@FLCJA.NET 482-9624 x116
Wanda Stafford	FDEM	Wanda.Stafford@em.florid.com 850-528-7525
Edward Britt	TOWN OF CAMPBELLTON	tc32426@bellsouth.net 850 677 263 4535
Tyler Scarborough	Marianna PD	ScarboroughTJ@flcjan.net
Mike Miller	Marianna PD	
Vigil Watson	JCSO	
Ear McAllister	Melvin Engle	
NAKEYA R. LOVETT	MARIANNA FIRE/RESCUE	

Jackson County Local Mitigation Strategy And Emergency Management Strategy Work Groups

A G E N D A

Date: Jul 27, 2017

Time: 9:00 AM

Location: EOC

- Sign In
- LMS Chairperson's Report
 - Update of Mitigation Activities
 - New LMS Projects
 - Completed Projects for Deletion
 - Old LMS Business
 - New LMS Business
- Emergency Management Strategic
 - Review of MYTEP Training List
 - Discussion of Airport TTX
 - Discussion of Other Training
- Adjournment

**LMS COMMITTEE
EM STRATEGIC ADVISORY BOARD
JOINT WORKSHOP
JULY 27, 2017 9:00 AM**

Officers Present:

LMS — Rodney Andreasen, Chair Emergency Management;
Evan McAllister, Vice-Chair Melvin Engineering;
Renee' Lowe, Secretary Emergency Management

EM Strategic Advisory — Mike Hodges, Chair Sheriff's Office;
Natalie Johnson, Vice-Chair Department of Health;
Renee' Lowe, Secretary Emergency Management

Members present: George Gay, Marianna Fire/Town of Alford; Rett Daniels Parks & Rec; Dann Skipper & Russell Register, JTrans; Doug dePerrodil, Road Dept; Mark Foreman & Brian Merritt, Corrections; Scott Birge, Fire Rescue; Denease Rhynes, Sr. Citizens; Tiffany Garling, Chamber; Jack Noonan, School Bd Food Service; Edward Britt, Town of Campbellton; Tyler Scarborough & Mike Miller, Marianna PD; Virgil Watson, Sheriff's Dept; Nakeya Lovett, Marianna Fire.

Guest: Wanda Stafford, State DEM

9:05 am Mr. Andreasen welcomed everyone.

LMS CHAIRPERSON'S REPORT:

Mr. Andreasen discussed that the timeframe for the Hurricane Hermine projects had passed. Due to the requirement of re-submitting projects in their entirety, Jackson County did not apply for anything under Hurricane Hermine.

NEW LMS PROJECTS:

Mr. Britt has a project from the Town of Campbellton that he would like to submit. Mr. Andreasen advised that since there was not a quorum of LMS Committee members present — a special meeting will be set for the LMS committee to review the project.

COMPLETED PROJECTS:

Several of the road projects that were submitted and were awarded have been completed.

Other projects that have been completed/approved as mentioned by Mr. Andreasen: The Marianna Fire Department aerial truck platform replacement has been completed. The project for a new Jackson County Fire Rescue Station has been awarded.

Emergency Management Strategic Committee:

Chairman Hodges deferred the meeting over to Mr. Andreasen.

The members present review the current Multi-Year Training and Exercise Program (MYTEP) . Mr. Andreasen brought the Airport Exercise to the members' attention.

The airport exercise will be a table top and future meetings will be set up to discuss the areas of training that need to be addressed along with setting a date for the exercise.

There was discussion on the different types of training that would be beneficial for Jackson County.

CPR

Forcible Entry

Crash Rescue Training

On August 22-24 an ICS 300 course will be held in the Emergency Operations Center. Members were encouraged to apply.

Mr. Andreasen also mentioned that the North Florida Safety Council is a good resource for getting training classes. Mr. McAllister mentioned that Tyndall is also a good resource. Ms. Garling advised that training could be coordinated with Ft. Rucker.

Mr. Andreasen asked that committee members provide information of the training that their departments/personnel are approved to teach and we could begin with an internal list of training that we can support on our own and then reach out for further instructors.

Ms. Stafford advised that the Department of Defense will be returning on October 23, 2017 to conduct more training (tourniquet school bldg. safety).

Ms. Garling advised that the Chamber will be hosting an Active Shooter/Situational Awareness training for the local small business industry.

Mr. Watson said that Free training is great, however in the end it isn't necessarily free. The employees will need to be paid over-time to attend, the availability of getting all personnel trained is almost impossible due to shift work hours.

Meeting adjourned at 10:00 am.

Minutes taken by:

Renee' Scurlock Lowe
LMS & EM Strategic Bd Secretary

**LMS COMMITTEE MEETING
MARCH 8, 2017 8:30 AM**

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NAME	AGENCY	E-MAIL ADDRESS/ PHONE NUMBER
Benee Lowe	Emergency Management	718-0008 rscurluck@jacksoncounty.fl.gov
Ellen McAllister	Water Eng	718 4213 ellamc@listserve.com
Robey Anderson	Emer Mgnt	718-0007 randreasen@jacksoncounty.fl.gov
George Gay	City of Marianna Fire	850-573-0189 georgegay@cityofmarianna.com
DANNY TAYLOR	TOWN of Campbellton	850-263-4535 TC32426@bellsouth.net
DAVE DEFERRIO	ROAD & BRIDGE	182-9629
David Dietz	Florida Forest Service	james.dietz@FreshFromFlorida.com 718-0376
Scott Birge	JCFR	sbirge@jacksoncounty.fl.gov
Connie Butts	Sneads	
Christy Anderson	TDC	
Felix A. George	City of Jacob	55 Felix george@gmail.com 850-557-8585
Ram Richard	JCBACE Admin	

LMS COMMITTEE MEETING
MARCH 8, 2017 8:30 AM

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2017 Jackson County Local Mitigation Strategy Work Group

AGENDA

Date: Mar 8, 2017

Time: 8:30 AM

Location: EOC

- Sign In
 - Chairperson's Report
 - Update of Mitigation Activities
 - Vote to push Tier II forward for funding
 - Old Business
 -
 - New Business
 - HMGP funding offering
 -
 - Adjournment
-

MINUTES
LOCAL MITIGATION STRATEGY WORKING GROUP
MARCH 8, 2017

Members Present:

Rodney Andreasen	Emergency Management, Chair
Evan McAllister	Melvin Engineering, Vice Chair
Renee' Scurlock-Lowe	Emergency Management
Doug dePerrodil	Road Department
Christy Andreasen	TDC
George Gay	Town of Alford & Marianna Fire
Jeff Johnson	Sheriff's Department
David Dietz	Forestry
Pam Pichard	Administrative Services Director
Ernie Padgett	County Administrator
Scott Birge	Jackson County Fire Rescue
Jeannie Bean	Jackson County Engineering
Felix George	City of Jacob
Connie Butts	Town of Sneads
Rett Daniels	Parks & Recycling
Danny Taylor	Town of Campbellton

Members/Departments Not Present:

Tiffany Garling	Chamber
Steve Croxton	County Utilities
Ricky Whittington	HAM Radio Group
Allen Biggs	Building Department
Roy Baker	Opportunity Florida
City of Cottondale	Town of Grand Ridge
City of Graceville	Town of Greenwood
City of Marianna	Town of Malone
Town of Bascom	

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Chairperson's Report - Mr. Andreasen advised that the State has sent an approval letter stating our LMS is in compliance and our annual update is complete.

Mr. Andreasen asked that members review the new projects that were added to the mitigation project list and comment.

It was mentioned that the Sheriff's Department Hangar might need to be removed as the current Administration has made mention that it is not a priority project at this time. Mr. Andreasen advised that the person who made the original recommendation or a representative of that department will need to be the one to remove it. He asked that Jeff Johnson of the Sheriff's office contact Kevin Arnold and discuss with the matter with Sheriff.

HMGP WORKSHOP - Mr. Andreasen referred everyone to the e-mail that was sent from the Emergency Management Office on March 3, 2017 regarding an upcoming Hurricane Hermine HMGP applicant workshop (Leon County 3/14/17 at 1pm Eastern)

Evan McAllister said that he is continually reminding the cities to "document" heavy rain events and to take pictures. These procedures create a history and help tremendously in applying for funding. George Gay advised that the Volunteer Fire Departments assist with damage assessment and clean up and the Town of Alford makes a record of those events with pictures. Mr. McAllister advised that this will greatly enhance the process.

Proposed Deductible Rule – FEMA is proposing to impose a deductible to the States before they will kick in federal funds for disasters. Should this proposal get passed it will greatly impact the cities and counties in forcing our hand to kick in a large amount of money to go toward the deductible.

Tier II projects – The committee discussed the Tier II projects that we currently have and if they should all be pushed forward for funding request. Doug dePerrodil made a motion to request all projects be pushed forward. Evan McAllister seconded the motion and it passed unanimously. Mr. Andreasen is to find out if a letter only is required to move these project forward or if they need to be resubmitted and an e-mail will go out to members advising of the answer.

Other Matters - Jeff Johnson advised that the First Net Public Safety program is in the process of getting information in order to broadband. If you receive an e-mail from First Net requesting data usage information, please provide it.

Next Meeting - not set at this time

Minutes taken by: Renee' Scurlock-Lowe

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AGENDA LMS MEETING

16 Oct 2017

1. Review of 2016 LMS Plan Projects
2. Update Project Documentation

**LMS Meeting
October 16, 2017
8:30 am**

Members Present:

Carl Bailey	City of Jacob
Connie Butts	Town of Sneads
Tiffany Garling	Chamber of Commerce
Jeff Johnson	Sheriff's Office
Rodney Andreasen	Emergency Management
Renee' Lowe	Emergency Management

Mr. Andreasen welcomed members

Mr. Andreasen advised members to review the list of LMS projects in the current plan and to see if there are any that need to be updated or deleted.

He advised that new projects will need to be put on the new project form and submitted to Emergency Management as soon as possible so that the LMS committee can vote on it for inclusion in the next project list update.

Ms. Butts voiced her concern about the lack of shelters for residents. She and her Board members have discussed the matter and advise if a facility in Sneads can be found that meets the DEM and Red Cross standards as a shelter, they would be glad to open it at the direction of the Emergency Management Office. Ms. Butts was advised that should such a facility be found, that the Emergency Management Office would recognize the facility as a shelter and support the Town of Sneads.

Mr. Andreasen advised that the Division of Emergency Management will be conducting their 10 year review of shelter facilities over the next few weeks to determine if they still meet the criteria and to hopefully identify other potential shelter facilities.

Mr. Bailey advised that there are roads in the city of Jacob that flood during rainfall events lasting several days. He was advised to complete a new project sheet and to submit it to the Emergency Management Office.

Ms. Garling advised that there needs to be COOP training for the small businesses. During the LMS meeting of September 14, 2017 the LMS committee voted to establish a policy group to work on this issue.

Mr. Johnson advised that he will be submitting new project work sheets for light towers and message boards.

A meeting will be set on January 4, 2018 at 9:00 am to vote on the above submissions and to include those along with worksheets approved at the September 14th meeting into the LMS update.

**LMS MEETING
REVIEW PROJECTS AND UPDATE
SEPTEMBER 14, 2017 9:00 AM**

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NAME	AGENCY	E-MAIL ADDRESS/ PHONE NUMBER
George G. y	City of Marianna	
Rett Daniels	JC Parks & Recycling	78-5210 rdaniels@jacksoncountyfl.com
Tiffany Garling	JC Chamber	
MARK FOREMAN	JCCF	482-9651 jccforeman@jacksoncountyfl.com
Rodney Andreassen	Emer Management	718-0007
Kevin Arnold	Jackson Co S.O.	arnoldkr@flja.net 573-6373
Dore DEPERKODIL	X & R	
EDWARD L. BRITT	CAMPBELLTON, FL.	tc32426@bellsouth.net (850) 203-4535
Evie McAllister	Melvin Engineers	evanmcallister@melvineng.com 850-718-4213
Scott Birge	JCFR	
Christy andreaasen	JUAC	caucheaasen@jacksoncountyfl.com 850-201-1223
NAKEYA R LOVETT	MFR	

Local Mitigation Strategy Working Group

14 Sept 2017 9:00 am

Members Present:

Evan McAllister	Melvin Engineering
George Gay	City of Alford
Edward Britt	Town of Campbellton
Scott Birge	Fire and Rescue
Kevin Arnold	Sheriff's Department
Christy Andreasen	TDC
Mark Foreman	JCCF
Tiffany Garling	Chamber of Commerce
Nickeya Lovett	Marianna Fire Rescue
Rodney Andreasen	Emergency Management

Discussion of old business and new projects to be included in the LMS. The following items were slated for discussion:

1. No old business was discussed
2. Participants were provided the opportunity to present new projects for the LMS.

Five projects were suggested and voted on for inclusion:

- a. Campbellton Flood Mitigation project. Item was proposed for inclusion by Evan McAllister. Seconded by Chief Birge. All in favor.
- b. Mobile mounted Generators for the fire stations located in the county. Item was proposed by Evan McAllister. Seconded by Doug dePerrodill. All in favor.
- c. Hurricane Shelter Retrofit for Graceville and Malone. Additionally, wish to have the new school in Marianna built to these standards. Item proposed by Rodney Andreasen. Seconded by Kevin Arnold. All in favor.
- d. Critical Infrastructure Hardening (Electrical). Item was proposed by Evan McAllister. Seconded by Chief Foreman. All in favor.
- e. Develop Policy Group for COOP/Business Continuity. Proposed by Christy Andreasen. Seconded by Chief Scott Birge. All in favor

A quorum was available to take action on the newly assigned projects. The projects were voted on by the members and were approved. No further action was taken by the LMS Committee.

3. The next meeting will be initiated to develop project worksheets for inclusion of the new items identified. Date and Time to be Determined.
4. Meeting was adjourned at 10:00 AM.

**LMS COMMITTEE
CHAIRMAN- EVAN MCALLISTER
AUGUST 16, 2018 10:30 AM**

PLEASE	PRINT	PRINT	PRINT	PRINT
NAME	AGENCY	E-MAIL ADDRESS/ PHONE NUMBER		
Evan McAllister	LMS Chair			
Jeannie Bean	JC Eng	jbean@jacksoncountyfl.com		
Melissa Okerman	Wal mart	Meppers.501375.05@wal-mart.com (850) 628-5065		
Rodney Anderson	EM	718-0007		
McFOREMAN	JCFR	mforeman@jacksoncountyfl.com		
J. RICHES	CITY MARIANNA	482.4129 jriches@marianncity.com		
Wanda Stafford	FDEM	Wanda.Stafford@em.nyflorida.com 850 528-7525		
Renee Lowe	Jackson EMA	rscurluck@jacksoncountyfl.com 718-0008		
NAKEYA R LOVETT	MARIANNA FIRE			
JEFF JOHNSON	JACKSON CO S.O.	Johnson, J@flcjr.net 850-573-6379		
Kevin Arnold	Jackson Co S.O.	arnoldk@flcjr.net		

**LMS Meeting
August 16, 2018
10:30 am**

Members Present:

Evan McAllister	Melvin Engineering – Chair
Rodney Andreasen	Emergency Management – Vice-Chair
Renee’ Lowe	Emergency Management- Secretary
Jeff Johnson	Sheriff’s Office
Kevin Arnold	Sheriff’s Office
Jeannie Bean	Jackson County Engineering
Joe Richey	City of Marianna
Nakeya Lovett	Marianna Fire Rescue
Mark Foreman	Jackson County Corrections/Fire Rescue (I)
Melissa Okerson	Wal-Mart

Members Not Present:

Chamber of Commerce	Jackson County Road Dept
City of Jacob	State Dept of Agriculture
Town of Sneads	Town of Alford
Town of Cottondale	City of Graceville
Town of Greenwood	Town of Bascom
Town of Grand Ridge	Town of Campbellton
Town of Malone	

Guest: Wanda Stafford Region 1 DEM Area Coordinator

Evan McAllister welcomed members

Note: meeting was changed from 9:00 am to 10:30 am due to a previous meeting schedule at the Jackson County Board room that required most LMS committee members to be in attendance.

OLD BUSINESS:

Evan McAllister advised that the Fairview Road (Panama City cutoff) project is almost completed. This is a Primary Evacuation Route.

Jeff Johnson advised that the CAD system upgrade is to be completed in September with the software upgrade and server installation.

He advised that there needs to be a new project request made to upgrade the communications at the Marianna High School Shelter to a better system than they have currently. Rodney Andreasen advised that new cell phone boosters will be installed in the new few months to assist with the signal for the general population and PSN shelter areas.

NEW BUSINESS

Evan McAllister advised that the current project listing is due to be updated. Municipalities/agencies need to review the list and update their projects. This means removing completed projects, making a note that it is in progress, deleting projects that are not needed, etc. When updating the information, please provide the page number and project number of any changes.

The LMS committee agreed that October 31, 2018 will be the DEADLINE for the project list update.

A new project sheet (PDF) has been created and will be sent out to the stakeholders. The forms MUST be completed in their entirety. The projected cost section must be completed – this may be an area where an engineer's expertise should be sought.

The LMS Committee will meet in October to review applications that have been submitted and then again in November to review the final applications and to vote on which projects should be added to the Project Listing and submitted to the State for their review.

Evan McAllister advised that it may be profitable to look into the FHWA grant agreements through the Department of Transportation to see if there are any monies there that could be obtained (eg. Light Towers or Message Boards).

Rodney Andreasen advised that all municipalities need to have debris management and removal contracts in place. There is no cost to have the agreements in place and ready. It should not be assumed that municipal debris will be accepted at the EPA approved landfill for County debris.

Evan McAllister reminded the Committee that Historical data and photographs are the items that are needed to assist in getting projects approved. With the recent rains we have had, each municipality should have problem areas documented in writing with photographs in order to apply for project assistance in the future.

Wanda Stafford advised that her position as Regional Coordinator has been moved from under the Recovery Division to the State Emergency Management Director's Office. This means that she will now be a valuable asset to the municipalities and County in allowing her to attend meetings and bring questions/concerns to the State Director's attention.

Rodney Andreasen advised that he is working with several agencies in order to get a grant to bring "Stop he Bleed" programs to the schools and train all teachers.

The meeting adjourned at 11:26 am.

Minutes taken	by Renee'
and submitted	Scurlock-Lowe

PL

NAME _____

Redney E And

Em McAllos!

Christy Andre

Genei Lou

Silvestro Th

Kay Dene

Cassie Willis

Theresa D

Rott Daniel

Tiffany Ga

Meghan H

Jeff Joh

2018 Jackson County Local Mitigation Strategy Work Group

AGENDA

**Date: December 18
2018**

Time: 9:00 AM

**Location: Marianna
City Hall Meeting Room**

- Sign In
- 4 Chairperson's Report
 - Old Business
 - Open Discussion
 - New Business
 - Discussion LMS Update 2018
 - New Projects Update
 - 2019 Update Approval

Future meetings

- TBD

Adjournment

**LMS Meeting
August 16, 2018
10:30 am**

Members Present:

Evan McAllister	Melvin Engineering — Chair
Rodney Andreasen	Emergency Management — Vice-Chair
Renee' Lowe	Emergency Management- Secretary
Jeff Johnson	Sheriff's Office
Kay Dennis	City of Marianna
Carrie Williams	Jackson County Road Dept
Silvestra Tharp	Town of Alford
Theresa Brannen	City of Cottondale
Christy Andreasen	TDC
Rett Daniels	Jackson County Parks & Rec
Tiffany Garling	Chamber of Commerce
Meghan Holley	Chamber of Commerce

Members Not Present:

Jackson County Engineering	Wal-Mart
City of Jacob	State Dept of Agriculture
Town of Sneads	City of Graceville
Town of Greenwood	Town of Bascom
Town of Grand Ridge	Town of Campbellton
Town of Malone	Jackson County Fire Rescue
Jackson County Corrections	

Evan McAllister welcomed members

Note: meeting location was changed from the EOC to the Marianna City Hall Commission Chambers due to Hurricane Michael and displaced offices being housed in the EOC.

OLD BUSINESS:

No old business at this time

NEW BUSINESS

Evan McAllister advised that today was the deadline for the additions/deletions/updating of the project listing.

This is the final meeting of the year. Projects that are listed in the LMS will be considered for the disaster money that will be available through HMGP. Note: not all projects will be funded. Projects are funded 75% by FEMA and the 25% falls on the awarded jurisdiction. Do not let the 25% discourage anyone from submitted projects. There are other sources to obtain the 25% (Rural Development Grants, in-kind, etc)

Mr. McAllister stressed again how important it is to document repetitive issues with pictures and summary documentation. This should be done for all rain events, etc, not just the big ones.

Carrie Williams asked if repetitive work on the railroad track aprons could be considered a project. Mr. McAllister advised that we shouldn't be doing work on the railroads that would fall under CSX. Tiffany Garling advised that CSX has actually sold the Jackson County lines to a new company (she can provide that information when she gets to her office). Ms. Garling suggests that the Chairperson discuss these issues with the new owners.

Rett Daniels asked when the vote on projects to request for funding will take place. Rodney Andreasen advised that the project list must be updated and submitted by January 31, 2019. Evan McAllister advised that the notice of funding availability (NOFA) should come out in the Spring of 2019 showing how much money is available to apply for. A meeting of the committee will then be held to vote on what projects to submit for potential funding.

Mr. Andreasen also advised that since we were impacted by Hurricane Michael, Jackson County Projects will not be moved into Tier I (eligible for the first monies). Jackson County will also be eligible for the second largest amount of available monies.

Mr. McAllister advised that the project submission deadline can be **extended to January 4, 2019 (no further extension will be allowed)**. Mr. McAllister advised that he will send the fillable PDF out to the jurisdictions again. Note: make sure every line is completed or your project will not be considered for submission. Mr. McAllister also reminded everyone of the e-mail he sent out recently with the Division of Emergency Management's memo attached stating that any projects currently on the list that are incomplete **MUST** be removed — unless they are updated correctly.

The meeting adjourned at 10:00 am.

Minutes taken and submitted by Renee' Scurlock-Lowe

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**LMS WORKING GROUP
ANNUAL SUBMISSION OF PROJECTS TO STATE
VOTE ON CHAIR AND CO-CHAIR
JANUARY 4, 2018 9:00 AM**

PLEASE PRINT PRINT PRINT PRINT

NAME	AGENCY	E-MAIL ADDRESS/ PHONE NUMBER
Genevieve Lowe	Emergency Management	718-0008 rscurlow@jacksoncounty.fl.com
Tiffany Garing	JC Chamber	8504825060 tiffany@jacksoncounty.com
Rockey E. Andersen	JC EM	718 0007
Jeff Johnson	JCSO	johnsajl@flcjr.net 573-6379
Georgie Gray	Marionna Fire ^{Town} / ^{APT} Afford	
Bett Daniels	JC Parks & Recycling	
MILKY LOVETT	MARIANNA FIRE	
CHRISTY andriensen	JCAD	
Eva Matlock	Wilmun Eng	
Wanda Stafford	FDEM	Wanda.Stafford@em.myflorida.com 850-588-7525
Scott Birge	Fire Rescue	

2018 Jackson County Local Mitigation Strategy Work Group

AGENDA

Date: Jan 4, 2018

Time: 9:00 AM

Location: EOC

- Sign In
- Chairperson's Report
 - Review Update of Mitigation Activities
- Old Business
 - Mitigation Projects Form Completion
- New Business
 - Nominations
 - Chairperson
 - Vice-Chairperson
- Future meetings
 - TBD
- Adjournment

**LMS Meeting
January 4, 2018
9:00 am**

Members Present:

Tiffany Garling	Chamber of Commerce
Jeff Johnson	Sheriff's Office
Nakeya Lovett	Marianna Fire Rescue
George Gay	City of Alford/Marianna Fire Rescue
Scott Birge	Jackson County Fire Rescue
Christy Andreasen	TDC
Rett Daniels	Parks and Recycling
Evan McAllister	Melvin Engineering – Vice Chair
Rodney Andreasen	Emergency Management - Chair
Renee' Lowe	Emergency Management

Visitor Wanda Stafford Region 1 DEM Area Coordinator

Mr. Andreasen welcomed members

Mr. Andreasen presented a draft letter to the State for our annual LMS projects update. This letter must be put into final form and submitted to the State before January 31st.

He advised that the projects listed in the letter are "incomplete". Each project must have an estimated cost associated with it in order for it to be submitted for State review.

All Stakeholders have 14 calendar days (until 1/18/18) to get the information submitted to the Emergency Management Office or your project request **will not** be submitted for State review this year.

Mr. Andreasen requested that the municipalities become more active with the LMS Working Group this year. The LMS Working Group, as a whole, approves or disapproves requests to add projects to the list for State consideration/approval. HOWEVER, the Group does not have the authority to make changes to the project requests or to delete them from the list once it is submitted.

Mr. Andreasen requests that all Stakeholders (especially municipalities) assign one active member and one back-up member to serve on the LMS Working Group. Please provide the e-mail contact information for these two (2) persons to Renee' Lowe at rscurlock@jacksoncountyfl.com as soon as possible – this will allow us to have a correct list before the next LMS Working Group meeting.

Jeff Johnson advised that he will work on a project request to add a portable generator for use in the Communications Room.

George Gay advised that there is a lot of equipment at the old Dozier School site. He and Chief Lovett contacted Laurie Jernigan with JJOC about a portable generator and the request was granted. Mr. Andreasen will discuss further with Chief Lovett and Mr. Gay after the meeting today. He will also set up a meeting with Mr. Padgett to obtain his support in sending a letter to request obtaining other generators that are still located at Dozier.

Mr. Andreasen advised the group that Melinda Gay of Marianna Health and Rehab is working on a project worksheet to obtain a larger generator for the facility. Mr. Andreasen had advised her to get with the City of Marianna and obtain their assistance in getting the information she needs for the worksheet.

Mr. Andreasen re-iterated that the projects on the current submission list, but be complete (more detailed background information and the cost associated) before he can submit them for State review. Again that deadline is January 18th.

Ms. Garling asked why there was a request to add "Develop Policy Group for COOP/Business Continuity" to the project list. She feels that this does not need to be added as a project because there would be no money associated with creating the policy group. Mr. Andreasen will review the project submission request and make an adjustment.

Mr. McAllister sent an e-mail to the municipalities in follow-up to the meeting reminder asking them to attend the meeting and advised them that they must be the ones to officially make changes to the project requests for their jurisdiction. He said that he will contact them individually after today's meeting to discuss the "importance" of their participation. Note: None of the municipalities attended today's meeting.

Mr. McAllister advised Chief Birge that Melvin engineering is requesting him to review the Fire Station requests and make sure they are up-to-date and accurate.

Mr. Andreasen asked for nominations for a new chairperson. Rett Daniels was nominated, but he did not accept that nomination. Evan McAllister was nominated and voted to be the new year chair.

Mr. Andreasen advised that he would like to be the vice-chair and would work with Mr. McAlister. The group voted to make Mr. Andreasen the vice-chair.

Mr. Andreasen advised that it may be necessary in the near future to put something in place for those stakeholders that do not attend meetings, which could lead to their agency being deleted from the LMS working Group.

The next meeting date will be set by the new Chair and announced via e-mail.

The meeting was adjourned.

Minutes taken and submitted by Renee' Scurlock-Lowe

2018 Jackson County Local Mitigation Strategy
Work Group

AGENDA

Date: Jun 14 2018

Time: 9:00 AM

Location: EOC

- Sign In
- Chairperson's Report
- Old Business
 - Open Discussion
- New Business
 - LMS Update 2018
- Future meetings
 - TBD
- Adjournment

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LMS COMMITTEE
CHAIRMAN- EVAN MCALLISTER
JUNE 14, 2018 9:00 AM

PLEASE PRINT PRINT PRINT PRINT

NAME	AGENCY	E-MAIL ADDRESS/ PHONE NUMBER
Evan McAllister	LMS Chair	evanmcallist@midamerica.com 850 718 4213
Wanda Moore	Campbellton	tc32426@bellsouth.net 850 482.8061
Autumn Whaley	TDC	850 718-0007
Rodney Anderson	CO CHAIR	mforeman@jacksoncounty.com
McForeman	JCCF	malone.townhall@embarcmail.com
Linna Wilson	Malone	rscarloso@jacksoncountyfl.com 718-0008
Benee Lowe	EMA	Wanda.Stafford@em.mylflorida.com 850-528-7525
Wanda Stafford	FDem	johanson.lefla.net 850-573-6379
JEFF JOHNSON	JCSO	

**LMS Meeting
June 14, 2018
9:00 am**

Members Present:

Evan McAllister	Melvin Engineering — Chair
Rodney Andreasen	Emergency Management — Vice-Chair
Renee' Lowe Jeff	Emergency Management- Secretary
Johnson Autumn	Sheriff's Office
Whaley Wanda	TDC
Moore Mark	Town of Campbellton
Foreman Linda	Jackson County Corrections
Wilson	Town of Malone

Members Not Present:

Chamber of Commerce	Jackson County Road Dept
City of Jacob	Jackson County Fire Rescue
Town of Sneads	State Dept of Agriculture
Town of Alford	Marianna Fire Rescue
Town of Cottondale	City of Marianna
City of Graceville	Town of Greenwood
Town of Bascom	Town of Grand Ridge

Guest: Wanda Stafford Region 1 DEM Area Coordinator

Mr. McAllister welcomed members

Mr. McAllister advised that there were four projects either in progress or have been completed that were submitted by the Local LMS Committee:

- 1) Panama City Cutoff (Primary Evacuation Route)— Work is being currently underway. Depending on future rain delays, the project is scheduled to be completed in July. NOTE: this project has taken 14 years to come to fruition.
- 2) Blueberry Road — Project Completed
- 3) Chipola Pond (water around Chipola College) — Completed
- 4) Hwy 162 — Completed

Whenever disaster money is available, the State looks at the projects on the LMS list. When a jurisdiction applies for assistance with funding — having the project on the LMS approved list gives them additional scoring points.

Mr. McAllister advised that burden of proof is required. Each jurisdiction needs to pre-identify problem areas and document with reports and pictures. An application is required with the back-up documentation in order to get a project on the agenda of the LMS Committee for review. Mr. McAllister has this form in PDF format, if needed.

There was discussion on shelters and why there is not more than one in Jackson County. Mr. Andreasen explained to the group that we are not in a shelter deficit according to the Regional Planning Council District we are located in. He advised that there is money available for retrofitting and the Graceville and Malone Schools are candidates for retrofitting. However, the School Board has not taken the opportunity to go for that funding (probably because it requires payment upfront and then reimbursement). Ms. Lowe encouraged those present to write a letter or speak to a School Board member about the possibility of applying for the funds.

Mr. McAllister advised that the LMS project list must be approved by the LMS committee yearly and it is due to the State by the end of January. There will be another committee meeting in August and then one in October. The October meeting will be for voting on the new projects list — all jurisdictions are encouraged to have their applications (with documentation) completed and submitted to Emergency Management before the October meeting.

Ms. Hannah Bowers from the Division of Forestry was not present to discuss the "Community Wildfire Protection Plan".

The meeting adjourned at 10:03 am.

Minutes taken and submitted by Renee' Scurlock-Lowe

2019 Jackson County Local Mitigation Strategy Working Group

A G E N D A

Date: July 10 2019

Time: 9:00 AM

Location:

**Jackson County BOCC
Meeting Room**

- Sign In
- Chairperson's Report
- Old Business
 - Open Discussion
- New Business
 - LMS Project Update Discussion
- Future meetings
 - TBD
- Adjournment

**LMS STAKEHOLDER'S MEETING
JACKSON COUNTY BD MEETING ROOM
JULY 10, 2019 9:00 AM**

PLEASE	PRINT	PRINT	PRINT	PRINT
NAME	AGENCY	E-MAIL		
Renee Love	Jackson EMA	rscurlh@jacksoncountyfl.com		
Rebekah Anderson	Jackson EMA	randerson@jacksonfl.com		
Sean McElister	LMS Chair	seanmc@lmsfl.com		
Sharon Brown	Cty of Ocala	sharon@cityofocala.com		
Nick Mayberry	City of Marianna	mayberry@marionah.fl.gov		
John Schilling	Jackson County Comm. Dev.	schilling@jacksoncountyfl.com		
Chris Anderson	Jackson WTR	canderson@jacksonwtr.com		
Bill Z	FL Public Works	billz@flpublicworks.com		
Tom Richard	TEBEC Admin	trichard@tebec.com		
Jeff Johnson	Geo	jjohnson@geo.com		

**LMS Meeting
County Commission Meeting Room
July 10, 2019 9:00 am**

Members Present:

Evan McAllister	Melvin Engineering – Chair
Rodney Andreasen	Emergency Management – Vice-Chair
Renee' Lowe	Emergency Management- Secretary
Jeff Johnson	Sheriff's Department
Pam Pichard	County Administration
Wendy Schlesinger	Community Development/SHIP
Christy Andreasen	TDC
Rett Daniels	Parks & Rec
Theresa Brannen	City of Cottondale
Nikki Mayberry	City of Marianna

Members Not Present:

City of Jacob	Town of Malone
City of Graceville	Town of Alford
Town of Grand Ridge	Town of Sneads
Town of Greenwood	Town of Bascom
Town of Campbellton	Wal-Mart
Jackson County Fire Rescue	Jackson County Corrections
Chamber of Commerce	Jackson County Road Dept
Jackson County Engineering	

Evan McAllister welcomed members

Purpose of this meeting: To add and vote on final projects for the upcoming NOFA from Hurricane Michael. NOTE: There was not a quorum of voting members present.

The NOFA is set to be released by the end of July.

All projects that were presented in the past two meetings have been added to the project list of the LMS.

Rodney Andreasen advised that he had one additional project to add: Message Board for the Shelter (at Marianna High School). The approximate cost of \$50,000.

Jeff Johnson advised that the projects for communication towers need to be updated. There is a great need for communication towers in the SW and NE portions of the County. He also stated that there is a great need for light towers.

Evan advised that the municipalities should really consider making a project worksheet for a COOP (continuity of operations plan).

Rodney Andreasen advised that at yesterday's Board of Commissioners Meeting it was asked if the cafeteria at the Marianna High School was on generator power. After research it was found that it is not. Therefore, a project worksheet needs to be created for a transfer switch at the High School.

Rodney Andreasen advised that the County will probably be contracting with GP Strategies to write their applications for funds and to administer the project. Evan McAllister voiced his concern once again for the municipalities and that they really need to look into getting someone to handle their applications and to make sure they can match the 25% that will be required.

All municipalities should make it a priority to attend or to send a second voting member to the LMS meetings.

For this NOFA....only projects that have been submitted and voted on by the committee will be eligible. After the NOFA is issued, then the committee will meet and vote on the projects that they feel should be submitted for funding approval.

Evan McAllister is going to check on a project for the City of Cottdale to make sure it was included in one of the last two meetings.

Jeff Johnson is to get an updated price for the message board project worksheet.

In the absence of a voting quorum, Evan McAllister called for all members present to concur that the additional project worksheet for the message board at the shelter (Marianna High School) be added to the list. All members present concurred.

Minutes taken and submitted by Renee' Scurlock-Lowe

**LMS Meeting
County Extension Office
June 5, 2019 9:00 am**

Members Present:

Evan McAllister	Melvin Engineering — Chair
Rodney Andreasen	Emergency Management — Vice-Chair
Renee' Lowe	Emergency Management- Secretary
Joe Richey	City of Marianna
Carrie Williams	Jackson County Road Dept
Theresa Brannen	City of Cottondale
Rett Daniels	Jackson County Parks & Rec
Danielle Guy	Town of Snead

Members Not Present:

Sheriff's Office	TDC
Jackson County Engineering	Wal-Mart
City of Jacob	State Dept of Agriculture
City of Graceville	Town of Alford
Town of Greenwood	Town of Bascom
Town of Grand Ridge	Town of Campbellton
Town of Malone	Jackson County Fire Rescue
Jackson County Corrections	Chamber of Commerce

Evan McAllister welcomed members

Purpose of this meeting: To add projects to the LMS list for submission to the State for consideration before the NOFA for HMGP for the Hurricane Michael Event is released. As of yesterday (Jun 4, 2019) the State advised via conference call that there is currently no prohibition for us to add projects. NOTE: One more meeting will be held for more additions/changes/deletions that will be voted on for an addendum to our LMS Project List of January, 2019. The original list had 181 projects listed. Please review your jurisdiction/municipality's listed projects. If it has been completed and needs to be removed, please do so on letter head or via a revised project worksheet. ONLY the originator of the project can delete or change it. The Committee Chairs cannot make any changes on your behalf.

Mr. McAllister advised that for any project to be considered for HMGP (Hazard Mitigation Grant Program) Funds, the project must be on the approved project list in the LMS (Local Mitigation Strategy). All mitigation projects should be listed in the project list, however, not all of them are considered for HMGP funding, but would be available for other funding.

The Local LMS Project List is updated annually per Florida Administrative Code 27P-22 Compliance.

The Local Mitigation Group is comprised of the County (and its Departments), Municipalities, Chamber of Commerce, State Division of Forestry. Each entity receives one (1) vote and each entity has a designated primary and alternate voting member.

The County and all eleven (11) municipalities have signed a Resolution adopting the current 2016 LMS plan and have been approved by the State Division of Emergency Management, which qualifies all municipalities to apply for funds.

The required five year LMS update will soon begin. The County will contract with an agency to complete this project. It will take approximately one (1) year to complete. If any jurisdiction receives a phone call or e-mail from the selected agency regarding the LMS update project, please be responsive and as helpful as possible. The completed update should be available by Sept/Oct 2020 for review and vote by the LMS committee. It will then be submitted to the State and then on to the Federal level for approval. PLEASE NOTE: this agency is doing an update of the LMS Plan only — they are not available to assist any municipality/jurisdiction with the writing of your LMS projects or applying for funds.

The NOFA (Notice of Funding Availability) for the Hurricane Michael Event has not been issued yet. It is projected to be available in the next 2-3 weeks. Information was received from the State as of yesterday (6/4/19) for the seven (7) counties that were declared - that additional projects could be added to the project list as long as it is done and submitted to the State before the NOFA release. These projects will fall into Tier I funding.

The NOFA will provide all of the guidance needed to apply for funding. A few items listed in the NOFA will be: The amount of funds available to each of the seven counties declared; the priorities set by the State to receive funds — these may differ from previous events; it will state that the mitigation project must be listed on the local approved LMS project sheet. Just because an application is made, there is no guarantee that funds will be awarded.

Please note that if you have a mitigation project that is on the list, but not available for HMGP funds (see prior e-mail with the requirements for HMGP projects)— other funds may be available for that project.

HMGP projects are funded at 75% - leaving the applying entity to cover the additional 25%.

Municipalities must stand on their own for making application, administering the grant (if funds are awarded) and for the 25%. The County is its own entity and will have to do the same for their awarded projects.

When making a project worksheet for submission to the LMS committee for review use due diligence in determining the amount of funds you request. This process may require an engineer to become involved so that the amount of funds requested is as close to "realistic" as possible. NOTE: keep in mind when you are reviewing your current projects that you may need to update the estimated cost on the worksheet.

Mr. McAllister gave an example of a project that he worked on in the past. He had to review 20 year's worth of historical data in order to obtain all of the information needed to make the application. As has been mentioned over and over — DOCUMENT, DOCUMENT, DOCUMENT. This is going to make the application process much easier and will be more likely to be funded.

Joe Richey from the City of Marianna submitted to the Chair today six (6) projects that they request be added to the addendum.

- 1) 5 natural gas generators for the lift stations Approx \$170,000
- 2) 5 diesel powered trailer mounted pumps for lift stations Approx \$218,000
- 3) Funding to Mitigate localized flooding at Wynn St Park Approx \$250,000
- 4) Funding to Mitigate localized flooding at Circle Dr Park Approx \$250,000
- 5) Purchase of a bucket truck with 40' extension Approx \$140,000
- 6) Multi-Purpose building at MERE to serve as a Shelter Approx \$2,000,000

Mr. Andreasen advised that the State usually won't fund something that requires more maintenance than mitigation (referring to the bucket truck).

Rodney Andreasen submitted a project for a new Emergency Operations Center 10,000 square feet at the cost of \$4,000,000. The current facility for EOC operations is 4,000 sq ft and was found to not be adequate for a full-scale activation.

These projects will be voted on by the LMS Committee at the next scheduled meeting.

The City of Sneads will be submitting a project for a local storm shelter. Ms. Guy advised that 1/3 of their residents live in mobile homes and 1/3 live in unreliable wooden homes and they do not have transportation to Marianna to the Shelter.

Mr. McAllister advised that the Town of Alford is also working on a project worksheet that will be presented at the next meeting for approval and inclusion.

Other funding available is 406 "Hardening of Facilities". This would be things like:
Retrofitting; Underground Utilities; City Halls, Well Sites; Electrical Grid;
Buildings with generator hook-ups

Mr. McAllister would like for the Committee to re-visit the Community Wildfire Protection Plan that Hannah Anderson Bowers from the Division of Forestry had submitted for consideration some time back. This item was tabled until the plan is available for all committee members to review.

Mr. McAllister said the State advises there are non-profits, churches and other groups that are requesting to become members of the local LMS. The Committee will have to decide on how to handle these requests.

Contact via telephone will be made to each of the municipalities regarding the next meeting and how important it is for them to attend to submit their projects and to cast their vote.

Next meeting set for Monday, June 17, 2019 at the Board of County Commissioner's meeting room beginning at 9:00 am.

Minutes taken and submitted by Renee' Scurlock-Lowe

2019 Jackson County Local Mitigation Strategy Working Group

A G E N D A

Date: Jun 05 2019

Time: 9:00 AM

**Location: USDA
Extension Office**

- Sign In
- Chairperson's Report
- Old Business
 - Open Discussion
- New Business
 - LMS Project Update Discussion
 - Community Wildfire Protection Plan
 - Discussion concerning New Member Requests
- Future meetings
 - TBD
- Adjournment

Jackson County (LMSWG)
 Local Mitigation Strategy Working Group
 Meeting Sign-In Sheet
 June 05, 2019 9:00AM USDA Extension Office

Name	Agency	Phone	Email
Rodney Anderson	Jackson Co. Emergency Mgmt	850-718-0007	randerson@jacksoncountyfl.com
Joe Richey	City of M. Orange	850-573-6341	jrichey@orange.fl. city
Renee Love	Jackson Co. Emergency Mgmt	850-718-0008	rlove@jacksoncountyfl.com
Danielle Gray	Town of Sneads	850-593-6636	danielle@sneadsfl.com
Charlie Brunner	Jackson Co. Fire Rescue	850-718-0000	cbrunner@jacksoncountyfl.com
Tom Pickard	JABCE	850-482-9633	tpickard@jacksoncountyfl.com
William Daniels	JC Admin	850-482-9633	wdaniels@jacksoncountyfl.com
David	JC Public Works	850-718-0437	rdaniels@jacksoncountyfl.com
Theresa Brennan	City of G. M. M. L.	850-352-9361	tbrennan@jacksoncountyfl.com
Carrie Williams	County Dept	850-482-9629	cwilliams@jacksoncountyfl.com
Wesley Schlemmer	Community Dev SHIP	850-204-1964	wschlemmer@jacksoncountyfl.com

2019 Jackson County Local Mitigation Strategy Work Group

A G E N D A

Date: Jun 17 2019

Time: 9:00 AM

**Location: Jackson
County Administration
Meeting Room**

- Sign In
- Chairperson's Report
- Old Business
 - Open Discussion
- New Business
 - LMS Update 5 Year Update
 - Community Wildfire Protection Plan
- Future meetings
 - TBD
- Adjournment

Renee Scurlock

From: Renee Scurlock <rscurlock@jacksoncountyfl.com>
Sent: Thursday, June 06, 2019 11:51 AM
To: ^EMA RENEE' SCURLOCK LOWE; ^EMA RODNEY ANDREASEN; ADMIN KEN CAMPBELL; ADMIN KRISTIE CLOUD; ADMIN PAM PICHARD; ADMIN WILANNE DANIELS ; ARES BRIAN MCCLURE; Baptist College David Coggins; 'BUILDING DEPT ALLEN BIGGS'; CHAMBER MEGHAN HOLLEY; CHAMBER, TIFFANY GARLING; CITY OF COTTONDALE MELISSA; CITY OF COTTONDALE THERESA BRANNEN; CITY OF GRACEVILLE; 'CITY OF JACOB'; CITY OF MARIANNA JIM DEAN; CITY OF MARIANNA JOE RICHEY; CITY OF MARIANNA JULIE CHANCE; CITY OF MARIANNA KIM APPLEWHITE; COMMUNITY DEV AMBER BARNES; COTTONDALE PD WILLIAM WATFORD; ENGINEERING JEANNIE BEAN; 'ENGINEERING LARRY ALVAREZ'; FIRE RESCUE, CHARLIE BRUNNER; FORESTRY DAVID KENT; GRACEVILLE PD KAYLA SHEPPARD; GRACEVILLE UTILITIES CHARLIE MARTIN; GRACEVILLE VFD TOMMY DENNIS; HOUSING WENDY SCHLESINGER; JCCF JETER; MARIANNA FD CHIEF NAKEYA LOVETT; MARIANNA FIRE CLINT WATSON; MARIANNA PD CHIEF HAYES BAGGETT; MARIANNA PD TYLER SCARBOROUGH; 'MELVIN ENGINEERING EVAN MCALISTER'; PARKS RETT DANIELS; ROAD DEPT CARRIE WILLIAMS; 'SHERIFF'S DEPT JEFF JOHNSON'; SHERIFF'S DEPT KEVIN ARNOLD; SNEADS PD MIKE MILLER ; STATE DEM, WANDA STAFFORD; SUNLAND ADRIAN ABNER; SUNLAND KIM JOHNSON; SUNLAND SANDRA HELMS; TDC AUTUMN WHALEY ; TDC CHRISTY ANDREASEN ; 'TOWN OF ALFORD'; TOWN OF ALFORD MAYOR; 'TOWN OF BASCOM CHRYSTAL BRYAN'; 'TOWN OF CAMPBELLTON'; 'TOWN OF GR JR MONEYHAM'; 'TOWN OF GRAND RIDGE'; TOWN OF GREENWOOD ALICIA CORDER; TOWN OF GREENWOOD MAYOR PHYLLIS BOWMAN; 'TOWN OF MALONE'; TOWN OF MALONE MAYOR GENE WRIGHT; 'TOWN OF SNEADS'; TOWN OF SNEADS LYNDIA BELL; WALMART MELISSA OKERSON
Subject: URGENT LMS MEETING
Attachments: LMS PROJECT WORKSHEET.pdf; 2016 FAC 27P-22 Compliance Letter.pdf; 2017 FAC 27P-22 Compliance Letter.pdf; 2018 FAC 27P-22 Compliance Letter.pdf; JacksonLMSFinal.pdf; 2019 HMGP Priorities.pdf; LMS Representative Contact Information (4).pdf; 2019 Jun 5 Minutes.docx

URGENT NEED TO ATTEND.....A VOTING QUORUM MUST BE PRESENT!!!!

To ALL LMS Committee Members:

We are scheduling an LMS Committee meeting on **Monday, June 17th from 9-11AM** at the Jackson County BOCC Meeting Room 2864 Madison Street, Marianna FL for the purpose of final updating any projects that need to be included in our current LMS projects list.

Many projects have made themselves apparent in the last 4 months of recovery and we feel it is critical to attempt to add these projects for consideration.

Attached you will find the following documents.

*The LMS Project Worksheet should be completed for any project not already listed on the LMS or use it to update the Cost of a current project. Return ASAP or bring to the meeting on June 17th.

*The HMGP Priorities is a listing of the States' priorities as it relates to any projects being submitted under the HMGP program. Please note this is good guidance for choosing projects, but we will not know exactly what the priorities will be until the HMGP NOFA is released.

*A copy of the current LMS plan (2016)

*FAC 27P-22 Compliance Letters and Project List updates for years 2016, 2017 & 2018

*Update sheet for the Primary/Alternate Voting contacts (this is for the Municipalities, Chamber & Forestry ONLY) Return ASAP

*Minutes from the LMS meeting of June 5 2019

We are adding this additional meeting by request since many jurisdictions did not attend the prior meeting and we desire for all possible projects to be submitted as part of the interim update to the projects list.

Thank you for your assistance.

Evan McAllister, LMS Chair

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evanmcallister@melvineng.com www.melvineng.com
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LMS MEETING
JACKSON COUNTY COMMISSION MTG ROOM
JUNE 17, 2019

NAME	AGENCY	E-MAIL	PHONE NUMBER
Sola Cross	Town of Moore		557-1065
Ann Bryan	Town of Beeson	annbryan0397@gmail.com	880-693-0397
Macie Myers	Town of Campbellton		850-263-4535
Carrie Williams	JCEB		
Rodney Andreasen	JCEM	randreasen@jacksoncountyfl.com	850 718-0007
Renee Lou	JCEM	rscarlock@jacksoncountyfl.com	718-8008
Joe Richey	CITY MARIANNA		573-6341
Kevin Alvaro	Jackson Co. S.O.	cradkrd@jcn.net	573-6373
Jeff Tassard	Jackson Co. S.O.	johnsonj@jcn.net	573-6379
Ann Richard	JCEB	prichard@jacksoncountyfl.com	482-9633

LMS MEETING
JACKSON COUNTY COMMISSION MTG ROOM
JUNE 17, 2019

NAME	AGENCY	E-MAIL	PHONE NUMBER
Wendy Schlesinger	OTBCC	wschlesinger@jacksoncountyfl.com	850-482-9637
Sam McAllister	LMS Chair	emcallester@melburns.com	550 718 4213
Alicia Corder	Town of Greenwood	townhall@townofgreenwood.org	850-594-1216
Tiffany Gering	Chamber of Commerce		

**LMS Meeting
County Commission Meeting Room
June 17, 2019 9:00 am**

Members Present:

Evan McAllister	Melvin Engineering — Chair
Rodney Andreasen	Emergency Management — Vice-Chair
Renee' Lowe	Emergency Management- Secretary
Joe Richey	City of Marianna
Carrie Williams	Jackson County Road Dept
Jeff Johnson/Kevin Arnold	Sheriff's Department
Tiffany Garling	Chamber of Commerce
John Cross	Town of Malone
Alicia Corder	Town of Greenwood
Ann Bryan	Town of Bascom
Wanda Moore	Town of Campbellton
Pam Pichard	County Administration
Wendy Schlesinger	Community Development/SHIP

Members Not Present:

TDC	Parks/Rec
Jackson County Engineering	Wal-Mart
City of Jacob	State Dept of Forestry
City of Graceville	Town of Alford
Town of Grand Ridge	Town of Sneads
Jackson County Fire Rescue	Jackson County Corrections
City of Cottondale	

Evan McAllister welcomed members

Purpose of this meeting: To vote on and add projects to the LMS list for submission to the State for consideration before the NOFA (notice of funding availability) for HMGP (hazard mitigation grant program) for the Hurricane Michael Event is released.

As of this morning (Jun 17, 2019) the NOFA has still not been released. NOTE: We will plan to have one last meeting (after July 4th) to add more projects to the current list. The NOFA will provide all of the guidance needed to apply for funding. A few items listed in the NOFA will be: The amount of funds available to each of the seven counties declared; the priorities set by the State to receive funds — these may differ from

previous events; it will state that the mitigation project must be listed on the local approved LMS project sheet. Just because an application is made, there is no guarantee that funds will be awarded.

Please review your jurisdiction/municipality's listed projects. If it has been completed and needs to be removed, please do so on letter head or via a revised project worksheet. ONLY the originator of the project can delete or change it. The Committee Chairs cannot make any changes on your behalf.

When making a project worksheet for submission to the LMS committee for review use due diligence in determining the amount of funds you request. This process may require an engineer to become involved so that the amount of funds requested is as close to "realistic" as possible. NOTE: keep in mind when you are reviewing your current projects that you may need to update the estimated cost on the worksheet.

Mr. McAllister advised that for any project to be considered for HMGP Funding, the project must be on the approved project list in the LMS (Local Mitigation Strategy). All mitigation projects should be listed, however, not all of them will be considered for HMGP funding, but would be available for other funding.

Mr. McAllister addressed the municipalities that were present in asking them to review their current project list and to complete a Project Worksheet for any projects they wish to update or new ones they want to submit for LMS Committee review.

All Municipalities and voting partners should update their primary and secondary contacts. If you have a third to add to the listing, please do so. We need to have a voting quorum each time we meet.

Mr. McAllister discussed the differences in a "maintenance" project and a "mitigation" project. He also reminded everyone that the "cost of the project" needs to be as realistic as possible.

Municipalities will be required to make application and fund (25%) of the projects that are awarded to them. This is not a cost that the Jackson County Board of Commissioners will assist with.

The Jackson County Board of Commissioners will be hiring an agency to complete the Five (5) year LMS plan update. It will take approximately one (1) year to complete. If any jurisdiction receives a phone call or e-mail from the selected agency regarding the LMS update project, please be responsive and as helpful as possible. The completed update should be available by Sept/Oct 2020 for review and vote by the LMS committee. It will then be submitted to the State and then on to the Federal level for approval. PLEASE NOTE: this agency is doing an update of the LMS Plan only — they

are not available to assist any municipality/jurisdiction with the writing of your LMS projects or applying for funds.

Mr. McAllister presented the projects that were submitted by the City of Marianna at the last meeting:

- | | |
|---|--------------------|
| 1) 5 natural gas generators for the lift stations | Approx \$170,000 |
| 2) 5 diesel powered trailer mounted pumps for lift stations | Approx \$218,000 |
| 3) Funding to Mitigate localized flooding at Wynn St Park | Approx \$250,000 |
| 4) Funding to Mitigate localized flooding at Circle Dr Park | Approx \$250,000 |
| 5) Purchase of a bucket truck with 40' extension | Approx \$140,000 |
| 6) Multi-Purpose building at MERE to serve as a Shelter | Approx \$2,000,000 |

An additional project was added this meeting for the City of Marianna:

Purchase of a generator for the Marianna Health and Rehabilitation Center that will meet the new regulations.

The County presented several projects for inclusion:

- 1) Hardening of Communications Systems
- 2) COOP Programs throughout the County
- 3) Cyber Intrusion Protection
- 4) Generator power throughout the County
- 5) Off site/off line backup systems to prevent data loss
- 6) Partnerships with Electrical Companies to harden utilities and to place underground
- 7) Mentioned in last meeting a New EOC (changed from 10,000 to 15,000 sq ft)

These projects were voted on by Committee members. A motion to accept the projects and add them to the January, 2019 list was made by Jeff Johnson and seconded by Rodney Andreasen. All members present approved the motion.

Evan will be putting the additional projects in writing and submit to the State Division of Emergency Management for inclusion to our January, 2019 project list.

The next meeting is tentatively set for July 10th at 9:00 am in the County Commissioner's Board Room located at 2864 Madison Street in Marianna.

Minutes taken and submitted by Renee' Scurlock-Lowe

LMS Meeting
County Commission Meeting Room
OCTOBER 16, 2019 9:00 am

Members Present:

Evan McAllister	Melvin Engineering — Chair
Rodney Andreasen	Emergency Management — Vice-Chair
Renee' Lowe	Emergency Management- Secretary
Wendy Schlesinger	Community Development
Autumn Whaley	TDC
Rett Daniels	Utilities/Parks/Rec
Karlyn Tidwell	Administration
Charles Brunner	Jackson County Fire Rescue
Theresa Brannen	City of Cottondale
Joe Richey	City of Marianna
Silvestra Tharp	Town of Alford
George Gay	Town of Alford
Lynda Bell	Town of Sneads
Linda Wilson	Town of Malone

Guests:

Pat White & Shanti Copeland	APTIM Consultants
Jim Roberts	Region 1 DEM Coordinator
Ben Martino	GP Strategies

Evan McAllister welcomed everyone

Purpose of this meeting: To add more projects for the upcoming NOFA from Hurricane Michael.

Mr. McAllister provided a visual (flip chart) notation of the HMGP process; how projects are submitted; what makes them eligible; and how the money is filtered down through the process.

The LMS Committee is responsible for prioritizing and voting on which projects should be submitted for funding consideration. Each Municipality, the County, Forestry, and Chamber of Commerce have one vote each.

Mr. McAllister was advised by State Division of Emergency Management Personnel that some of the projects we currently have listed in our LMS are maintenance and not mitigation. Maintenance projects and new structures will not be funded.

Mr. McAllister advised that when the current LMS Base Plan is re-written, the project listing will be deleted and a new process with clearer guidance will be enacted. This new process will require the submitting agency to provide a Resolution at the time of project submission stating that they can meet the matching funds (25%) requirement.

Ms. Copeland advised that each application will be required to have a cover letter. The cover letter must state the agency's current budget estimate of the project and it must be within \$500 of what is listed on the application.

Mr. McAllister advised the Committee of the additional projects to be considered for addition to the LMS project list:

- School Board - \$8.5 million for renovation of the old Marianna High School
to centrally re-locate Administrative Offices
- Cottondale - \$550,000 WWTP rehab
- Cottondale - \$266,000 for primary lift station
- Cottondale - \$216,000 for back-up generators at lift stations
- Malone - \$100,000 Large generator for City Hall
- Malone - \$100,000 Hardening of City Hall

A motion was made by Lynda Bell to accept and add the above projects to the LMS project list. The motion was seconded by Ms. Wilson and the motion passed.

Next meeting set for October _23, 2019 October 24, 2019 9:00 am in the Board of Commissioners Meeting room to accept the final projects for addition to the LMS project worksheet.

A meeting was also set for November 6, 2019 at 9:00 am in the Board of Commissioners Meeting room to priority and vote on which projects to submit for HMGP funding. **NOTE: A voting quorum MUST be present.**

In the absence of a voting quorum, Evan McAllister called for all members present to concur that the additional project worksheet for the message board at the shelter (Marianna High School) be added to the list. All members present concurred.

Minutes taken and submitted by Renee' Scurlock-Lowe

2019 Jackson County Local Mitigation Strategy Working Group

A G E N D A

Date: October 16 2019

Time: 9:00 AM

Location:

**Jackson County BOCC
Meeting Room**

- Sign In
- Chairperson's Report
- Old Business
 - HMGP Discussion
- New Business
 - LMS Project Update Discussion
- Future meetings
 - TBD
- Adjournment

Jackson County (LMSWG)
Local Mitigation Strategy Working Group
Meeting Sign-In Sheet
October 16, 2019 9:00AM Jackson County Administration Meeting Room

Name	Agency	Phone	Email
Pat White	APTIM	386 299 7174	Patricia.white@APTIM
Shaun Copeland	APTSM	850 443 3896	Shaun.Copeland@aptsm
Hikman Wmaley	TDC	850 442 8041	Wmaley@twdm.com
Theresa Brennan	City of Cottondale	850-352-4361	Theresa@cityofcottondale.com
Silvestra Trapp	Town of Alford	850 579 4684	townofalford@townofalford.com
Jim Roberts	Florida DCM	850 519 8636	Jim.Roberts@dcmm.floridadcm.com
James Boel	Town of Shreds	593-66036	Sneedsmgr@shredstx.com
Farley Tidwell	Shree	402-9633	KTidwell@jacksoncountymt.com
Ben Martino	GP Strategies	985 249 8552	bmartino@gpstrategies.com
Wendy Sellsinger	JE Comm Dev	850-482-9037	WendySellsinger@jacksoncountymt.com
Rodney Andersen	Jackson County EM	850 718-0007	randersen@jacksoncountymt.com
Degee Lowe	JC EMA	718-0008	DegeeLowe@jacksoncountymt.com
David Wilson	Town of Malone	718-6037	malone@townofmalone.com
Rett Daniels	Jackson County Rubbichaus	718-5210	
Charles Brunner	Jackson Co. Fire Rescue	718 7743	cbrunner@jacksoncountymt.com
Joe Eidey - Malone			
Joe Eidey - Malone			
George Gay - Alford			

**LMS Meeting
County Commission Meeting Room
OCTOBER 24, 2019 9:00 am**

Members Present:

Evan McAllister	Melvin Engineering – Chair
Rodney Andreasen	Emergency Management – Vice-Chair
Renee' Lowe	Emergency Management- Secretary
Autumn Whaley	TDC
Pam Pichard	Administration
Theresa Brannen	City of Cottondale
Joe Richey	City of Marianna
Silvestra Tharp	Town of Alford
Lynda Bell	Town of Sneads
Linda Wilson	Town of Malone
Jeff Johnson	SO/E911/Communications
Adrian Abner	Sunland
Carrie Williams	Road Dept
David Kent	Forestry

Evan McAllister welcomed everyone

Purpose of this meeting: To add even more projects for the upcoming Prioritization Meeting on November 6, 2019.

Mr. McAllister provided a handout with the projects that have been submitted and advised that he has projects from the "County" that are not yet on the list (as he did not receive them before printing the list).

Mr. Andreasen advised that Shanti Copeland and Pam White with APTIM Consultants have offered to review the list once it is completed and advise which projects will be eligible versus those that will not be.

There was discussion of the "Buy-Out" option for residences that repetitively flood.

There was also discussion once again of the 428 monies (Sandy Act) and that Jackson County might be eligible for these funds. Further updates will be provided.

Mr. McAllister advised that he has added to the project list the following:

Grand Ridge	Generator	\$42,000
County	Magnolia Bridge	\$7.9 million
County	Peacock Bridge	\$5.7 million
County	Hwy 162 Bridge	\$5.6 million
County	Camelia Acres Spill way	\$15,000
County	County-wide Ditch Paving	\$80,000
County/Library	Storm Shutters	\$38,000

Mr. McAllister advised that as Chairman, he will not vote on the prioritization – unless necessary. He suggests that the projects which have “in-hand” match funds be prioritized first.

The LMS Plan is due for a required update. Currently we are looking for funds to pay for the update. Mr. McAllister has a scheduled phone call set for next week, where he hopes this issue will be addressed. However, the plan MUST be updated. If we do not have an approved (by the State) plan on file – none of the projects will be eligible for funding. Mr. McAllister advised that in the update, the project list will be taken out and only projects that are eligible and have a resolution from the municipality/agency that they can fund the 25% match will be included for future consideration. There will be guidelines and by-laws established for project submission.

As a reminder: HMGP funds cannot be used for studies or new construction or construction already in progress. Note: there is a caveat for some new construction

The next step in this process is for ALL projects for consideration of the Hurricane Michael funds to be sent to Mr. McAllister by Monday, October 28, 2019. This is the FINAL submission deadline. Mr. McAllister will contact each municipality/Agency to see if they have on-hands funds to match the project cost.
NOTE: these funds may not be received for another year or so.

After the projects are put onto a list, it will be presented to Ms. Copeland and Ms. White of APTIM for their review of which projects will be eligible. Projects that have on-hands funds to match with will be starred with an (*)

The LMS Committee will meet on November 6, 2019 at the BOCC meeting room to Prioritize the projects. All votes will be compiled into a master sheet and that ranking will be used for determining the final priority.

Ms. Tharp from the Town of Alford advised that the first 5 projects under Alford can be deleted from consideration:

~~Storm Water Mitigation on 1st St from Virginia to Texas #54~~
~~Culverts on Louisiana St #61~~
~~Upgrade Culverts on Arizona and 1st St #62~~

~~Paving of Dirt Roads (repetitive) #63~~
~~Culvert on Virginia and 2nd St #68~~

Next meeting set for November 6, 2019 9:00 am at the Board of County Commissioners meeting room.

ALL voting members are requested to be in attendance. If you cannot attend, please send your Alternate.

Minutes taken and submitted by LMS Secretary, Renee' Scurlock-Lowe

Jackson County (LMSWG)
Local Mitigation Strategy Working Group
Meeting Sign-In Sheet
October 24, 2019 9:00AM Jackson County Administration Meeting Room

Name	Agency	Phone	Email
✓ Theresa Brennan	City of Cottage Lake	850-352-4361	theresa@cityofcottage.la
Linda Wilson	Town of Malone	850-569-2328	malone.town.hall@emb
Autumn Walkey	TDC	850-482-8061	awalkey@jackson
Adrian Abner	Agency for Persons with Disabilities	850-482-9210	adrian.abner@apdpcas.org
✓ Rodney Andersen	JCEM	850 718 0007	randreasen@jackson
Michelle Andersen			
Shirley Boel	TOWN OF SNOWS	8/59316036	
✓ Jenni Williams	JCEB	482-9629	
✓ Tom Richard	Facilities Long Term Care	482 9633	prichard@jackson.care
✓ Jeff Johnson	JCSO Court/911	573-6379	johnson.j@flcga
✓ Renee Lowe	JC EMA	718-0008	rlowe@jacksoncounty.fl
✓ Sherryl Truesdell	Town of Alford	579 4684	townofalford@etel
✓ Lisa McMillan	LMS Chair	850 718 4213	
David Lee	Emergency		
Joe Rudy	Merican		

**LMS Meeting
County Commission Meeting Room
NOVEMBER 6, 2019 9:00 am**

Members Present:

Evan McAllister	Melvin Engineering — Chair
Rodney	Emergency Management — Vice-Chair
Andreasen Renee'	Emergency Management- Secretary
Lowe Christe	TDC
Andreasen Karlyn	Administration
Tidwell Theresa	City of Cottdale
Brannen Joe	City of Marianna
Richey Silvestra	Town of Alford
Tharp Danielle	Town of Sneads
Guy Linda Wilson	Town of Malone
Adrian Abner	Sunland
David Kent Shae	Forestry
Shiver Wendy	Forestry
Schlesinger Rett	Community Development
Daniels	Parks/Rec/Utilities

Mr. McAllister welcomed everyone

Purpose of this meeting: To review the tentative final list to be reviewed for project prioritization.

Mr. McAllister provided a handout with the projects that were submitted as Intent Notices. He color-coded the ones that have matching funds in-hand in red. The blue projects have been updated and the green ones are new and need committee vote to be added to the list. NOTE: there are 3 entities that need to confirm they have monies in-hand.

Mr. McAllister asked that projects be reviewed for wording. The words "rehabilitation" and "maintenance" do not need to be in the title or on the application. The State and FEMA are looking for projects with key words like "hardening" and "mitigation".

Mr. Andreasen advised that APTIM Consultants advised the County to put all of their generator requests together into one project. Therefore the County project is for (25) generators in total.

Ms. Wilson advised that the Fire Station Generator listed for the Town of Malone should be color coded in green.

Ms. Brannen asked if she can add the hardening of the Cottdale City Hall to the list. Mr. McAllister stated that it was on the list in the past and that he will get that added to the final list for ranking.

Mr. McAllister reviewed the new projects to be considered for addition:

Marianna — Public Works Center Wind Retrofit	\$6,000,000
Marianna — Downtown Electric Utility Hardening	\$2,500,000
Malone — Generator for Fire Station	\$ 60,000
Grand Ridge — Generator for Main Lift Station	\$ 42,000

Mr. McAllister stated that he will give the three entities that need to advise if they have matching monies in-hand and for any entities to make updates to their projects until Friday, November 8, 2019.

Mr. McAllister advised that the total costs of projects (as presented on the list today) equals \$35, 908,340.49. The tentative allotted amount for Jackson County is a little over \$28,000,000. He suggests that the prioritization bottom line amount be over the allotted amount. This will allow other projects to be considered in case some are deemed ineligible by the State or FEMA.

Mr. McAllister asked for a vote to add the above listed new projects; approve the modifications; and include the Cottdale City Hall project. Ms. Wilson made the motion and it was seconded by Ms. Brannen. The motion passed unanimously.

Mr. McAllister asks that each voting member go ahead and begin their review process, beginning with the list he passed out today. The final list will be e-mailed by Tuesday, November 12, 2019. He asks that all ranking sheets be returned by Friday, November 15, 2019. Remember each voting entity can only have one vote.

With the Committee's permission — Mr. McAllister, Mr. Andreasen and Ms. Lowe will reviewing the ranking sheets and prepare a final list "by popular vote" and have it ready for presentation to the committee. The Committee agreed to this process.

The next meeting will be on November 20, 2019 at 9 am in the Board of Commissioner's Meeting Room.

ALL voting members are requested to be in attendance. If you cannot attend, please send your Alternate.

Minutes taken and submitted by LMS Secretary, Renee' Scurlock-Lowe

**LMS Meeting
County Commission Meeting Room
NOVEMBER 20, 2019 9:00 am**

Members Present:

Evan McAllister	Melvin Engineering — Chair
Karlyn Tidwell	Jackson County Administration
Silvestra Tharp	Town of Alford
Linda Wilson	Town of Malone
Wendy Schlesinger	Community Development
Jeff Johnson	Jackson County S.O.
Lynda Bell	Town of Sneads
Floyd Scott	Town of Cottondale

Mr. McAllister welcomed everyone

Purpose of this meeting: To approve final ranking and project for the HMGP Projects

Mr. McAllister provided a handout with the projects that were ranked by the members. This included information on scoring sheets, and the current 12-month lock in allocation of funding for Jackson County.

Mr. McAllister discussed the process of how the scores were converted into their rankings. The project list and individual ranking of the projects was discussed at length.

Mr. McAllister requested a motion and approval for the scoring sheets and ranking of the projects to be accepted by the working group as presented. Motion made by Karlyn Tidwell (Jackson County), seconded by Lynda Bell (Town of Sneads). All projects were approved unanimously by working group members present. All members were reminded that the application submissions are the responsibility of each agency and were urged to start their applications as quickly as possible.

Mr. McAllister updated the working group on the 5-year update of the LMS document. Currently there is no additional funding to complete the project and it was stated that contact would be made with the County on finding funding to complete the updates. Mr. McAllister noted there was only about 11 months left prior to the document needing to be completed and forwarded for acceptance by the State of Florida FDEM.

Being there was no further business or discussion, the meeting was adjourned.

The next meeting is to be determined, and all members shall be notified.

Minutes taken and submitted by LMS Chair, Evan McAllister

November 20, 2019 9:00AM Jackson County Administration Meeting Room

Email

2020 Jackson County Local Mitigation Strategy Working Group

A G E N D A

Date: January 22, 2020

Time: 9:00 AM

Location:

**Jackson County BOCC
Meeting Room**

- Sign In
- Chairperson's Report
- Old Business
 - HMGP Application Discussion
 -
- New Business
 - Requests for HMGP Project Modifications
 - Discussion on Upcoming Annual Update
- Future meetings
 - TBD
- Adjournment

**LMS Meeting
County Commission Meeting Room
January 22, 2020 9:00 am**

Members Present:

Evan McAllister	Melvin Engineering – Chair
Rodney Andreasen	Jackson County EMA – Vice Chair
Renee' Lowe	Jackson County EMA - Secretary
Karlyn Tidwell	Jackson County Administration
Pam Pichard	Jackson County Facilities
Jeff Johnson	Jackson County S.O.
Kevin Arnold	Jackson County S.O.
David Kent	Division of Forestry
George Gay	Town of Alford
Linda Wilson	Town of Malone
Lynda Bell	Town of Sneads
Floyd Scott	City of Cottondale
Joe Richey	City of Marianna

Guests: Ned Fernandez and Jamie McMillan - ARCADIS

Mr. McAllister welcomed everyone

Purpose of this meeting: To review the final project list for HMGP monies and to make sure they are viable projects – meeting the criteria of the Benefit Cost Analysis. Also, to determine if all of the allocated money will be used (should some projects fall out of ranking at the State level).

Mr. McAllister advised that no entity responded by the deadline of January 17, 2020 stating that they need to modify their project status. If any entity is planning to make modifications – that decision needs to be made today.

Ms. Pichard advised the Committee that the County will be making a modification request, however the original consultant is no longer working on the project. Therefore, the modified list is not complete in writing at this time.

Mr. McAllister advised that the LMS Committee will meet again next week. We need a list of projects that can be added to the bottom of the ranking list in case any of the current ranked projects are deemed not eligible by the State. This will also be a time to modify any projects already on the list and to determine if there are any funds that might be left on the table.

Mr. Fernandez advised that an application that is at least 60% complete can be considered by the State for review. If so, the State would work with the entity to get the application completed.

Mr. McAllister requested that all entities get with their consultants and make sure the projects meet the BCA criteria. Keep in mind that documentation, especially on repetitive loss projects will help greatly to meet the BCA criteria. An application must score a "1" or better to be considered.

In order to meet the 27P22 deadline of January 31, 2020 – Mr. Andreasen needs to have an updated list of the "entire" project list – which can be found in the LMS document. If a project is complete, under-construction of needs to be deleted, please send an email to the LMS Officers.

Mr. McAllister advised that the LMS five year update is coming up at the end of the year and the projects listed there will be wiped clean and new criteria for submitting projects will be put into place.

Mr. McAllister advised that Sunland has sent a letter requesting to be officially added to the LMS Committee. A motion was made by Ms. Bell and seconded by Ms. Wilson to add Sunland as an official member of the LMS Committee. The vote was passed unanimously by the voting members present.

The next LMS meeting will be on Wednesday, January 29, 2020 at the Jackson County Emergency Operations Center.

Jackson County (LMSWG)
Local Mitigation Strategy Working Group
Meeting Sign-In Sheet
January 22, 2020 9:00AM Jackson County Administration Meeting Room

Name	Agency	Phone	Email
Robert Anderson	JCEM4	718 0007	randerson@jacksoncountyfl.gov
Kevin Brown	SCSO	573-6373	aroldkra@fl.gov
Floyd Scott	City of Cottondale	486-6000	floyd@cityofcottondale.com
Jeff Johnson	JCSO/911	573-6379	johnsanj@fl.gov
Quinn Wilson	Town of Malone	564-8308	malone@townofmalone.com
George Cuy	Town of Alford	850-573-0188	Alford@townofalford.com
Wendy Fernandez	ARCADIS	850-510-5696	Wendy.Fernandez@arcadis.com
Jamie McMillan	" "	941-284-6774	Jamie-McMillan@arcadis.com
David Kist	FCS	850 625 6631	David.Kist@FCSAC.com
Tom Richard	JCPRC	850 482 9633	tomrichard@jacksoncountyfl.gov
Shirley Boyd	Town of Snodgrass	850 593 1063	shirley@townofsnodgrass.com
Karlyn Tidwell	JRC	(850) 482 9633	ktidwell@jacksoncountyfl.gov
Joe Richey	CITY MARIONNA	850.482.4129	
Gene Lowe	JCEM4	718-0008	gene@jacksoncountyfl.gov
Kim McAnister	Malone Engineering		

JANUARY 29 2020
9:00 AM

LMS COMMITTEE MEETING
FINAL PROJECT SUBMISSION

EOC
VOTING MEMBERS

NAME	PHONE	DEPARTMENT	EMAIL	SIGNATURE OF ATTENDANCE
ABNER, ADRIAN	482-9210	SUNLAND	adrian.abner@apdcares.org	<i>Adrian Abner</i>
ADAMS, EUGENE	263-4219	CITY OF GRACEVILLE	gracevilleclerk@wfeca.net	<i>Eugene Adams</i>
APPLEWHITE, AMANDA	ALT	TONW OF GRAND RIDGE	grandridgeclerk@embarqmail.com	
BAILEY, CARL	263-6636	JACOB CITY	jacobcity@wfeca.net	
BELL, LYNDIA	593-6636	TOWN OF SNEADS	sneadsmgr@sneadsfl.com	<i>Lyndia Bell</i>
BRANNEN, THERESA	ALT	CITY OF COTTONDALE	theresa@cityofcottondale.net	<i>Theresa Brannen</i>
BOWMAN, PHYLLIS	594-1216	TOWN OF GREENWOOD	mayorbowman@townofgreenwood.org	<i>Phyllis Bowman</i>
CORDER, ALICIA	ALT	TOWN OF GREENWOOD	townhall@townofgreenwood.org	
CROSS, JOHN	ALT	TOWN OF MALONE	malonetownhall@embarqmail.com	
DANIELS, WILLANE	482-9633	JACKSON COUNTY	wdaniels@jacksoncountyfl.com	<i>Willane Daniels</i>
GARLING, TIFFANY	482-8060	CHAMBER	tiffany@jacksoncounty.com	<i>Tiffany Garling</i>
GAY, GEORGE	579-4684	TOWN OF ALFORD	alfordmayor@yahoo.com	
GEORGE, FELIX	ALT	263-6636 JACOB CITY	jacobcity@wfeca.net	
GRIFFIN, SHERRI	ALT	593-6636 TOWN OF SNEADS	sherrigriffin@sneadsfl.com	
JAMES, BILL	482-9124	TOWN OF BASCOM	townofbascom@wfeca.net	
KENT, DAVID	ALT	625-6631 DIVISION OF FORESTRY	david.kent@FDACS.gov	
MAYBERRY, NIKKI	ALT	482-9124 CITY OF MARIANNA	nmayberry@mariannafli.city	
MOORE, WANDA	263-4535	TOWN OF CAMPBELLTON	tc32426@bellsouth.net	
MONEYHAM, JR	592-4621	TOWN OF GRAND RIDGE	townofgrandridge@embarqmail.com	
RICHEY, JOE	482-4129	CITY OF MARIANNA	jrichey@mariannafli.city	<i>Joe Richey</i>
SCOTT, FLOYD	352-4361	CITY OF COTTONDALE	floyd@cityofcottondale.net	
TAYLOR, DANNY	ALT	579-4684 TOWN OF ALFORD	townofalford@embarqmail.com	
THARPE, SILVESTRA	ALT	579-4684 TOWN OF ALFORD	townofalford@embarqmail.com	<i>Silvestra Tharpe</i>

McAlister, Eric Chairman (non voting)
Theresa Brannen 352.4361 Cottondale Mayor @ city of cottondale.net
Wanda Moore
Adrian Abner

JANUARY 29, 2020
9:00 AM

LMS COMMITTEE MEETING
FINAL PROJECT SUBMISSION

EOC
VOTING MEMBERS

NAME	PHONE	DEPARTMENT	EMAIL	SIGNATURE OF ATTENDANCE
TIDWELL, KARLYN	ALT	482-9633 JACKSON COUNTY	ktidwell@jacksoncountyfl.com	
WARD, ALLEN	ALT	372-6601 SUNLAND	allen.ward@apdcare.org	
WATKINS, MICHELLE	ALT	263-4219 CITY OF GRACEVILLE	gracevilleclerk@wfeca.net	
WILLIAMS, WILLIE	ALT	569-2308 TOWN OF MALONE	malonetownhall@embargmail.com	
WEHERLEY, STEVE		625-6621 DIVISION OF FORESTRY	steve.weherley@FDACS.gov	
WILSON, LINDA		569-2308 TOWN OF MALONE	malonetownhall@embargmail.com	<i>Linda Wilson</i>

JANUARY 29, 2020
9:00 AM

LMS COMMITTEE MEETING
FINAL PROJECT SUBMISSION

EOC

NAME	DEPARTMENT	EMAIL	SIGNATURE OF ATTENDANCE
Andreasen, Christy	482-8061 TDC	candreasen@jacksoncountyfl.com	
Andreasen, Rodney	718-0007 Emergency Mgmt	randreasen@jacksoncountyfl.com	
Arnold, Kevin	482-9624 Sheriff's Office	arnoldkr@fcjn.net	
Baggett, Hayes	526-3125 Marianna PD	baggeth@fcjn.net	
Biggs, Allen	482-9802 Building Dept	abiggs@jacksoncountyfl.com	
Brunner, Charlie	718-0008 Fire Rescue	cbrunner@jacksoncountyfl.com	
Campbell, Ken	482-9633 Utilities	kcampbell@jacksoncountyfl.com	
Cloud, Kristie	482-9633 Administration	kcloud@jacksoncountyfl.com	
Coggins, David	Baptist College	dcoggins@baptistcollege.edu	
Daniels, Rett	718-0437 Utilities/Parks/Rec	rdaniels@jacksoncountyfl.com	
Dennis, Tommy	Graceville VFD	chief251@gracevillefirerescue.org	
Jeter, Jammie	482-9651 Jackson County Corrections	jjeter@jacksoncountyfl.com	
Johnson, Jeff	482-9624 Sheriff's Office	johnsonjl@fcjn.net	
Laramore, Heather	Sunland	heather.laramore@apdcares.org	
Lovett, Nakeya	482-2414 Marianna Fire Rescue	nlovett@marannacity.fl	
Lowe, Renee'	718-0008 Emergency Mgmt	rscurlcock@jacksoncountyfl.com	
Martin, Charlie	Graceville Utilities	charmartin@msn.com	
McClure, Brian	HAM	brian.mcclure@gmail.com	
Miller, Mike	Sneads PD	chief@sneadsfl.com	
Okerson, Melissa	Wal-Mart	meekers.s01385.us@wal-mart.com	
Pichard, Pam	482-9633 Facilities	ppichard@jacksoncountyfl.com	
Potts, Hunter	Housing	hpotts@jacksoncountyfl.com	
Scarborough, Tyler	526-3125 Marianna PD	scarboroughtj@fcjn.net	
Schlesinger, Wendy	482-9637 Community Development	wschlesinger@jacksoncountyfl.com	
Stone, Douglas	Sunland	douglas.stone@apdcares.org	

Martino, Ben
FERNANDEZ, EDUARD

BOC
AARON'S

bmartino@gpstatgic.com
EDUARD.FERNANDEZ@AARON'S.COM

Ben Martino
AARON'S

**LMS Meeting
Emergency Operations Center (EOC)
January 29, 2020 9:00 am**

Voting Members Present:

Pam Pichard	Jackson County Facilities	voting on behalf of County
Silvestra Tharp	Town of Alford	
Linda Wilson	Town of Malone	
Lynda Bell	Town of Sneads	
Theresa Brannen	City of Cottondale	
Joe Richey	City of Marianna	
Adrian Abner	Sunland Training Center	

Non-Voting Members Present:

Evan McAllister	Melvin Engineering – Chair
Rodney Andreasen	Jackson County EMA – Vice Chair
Renee' Lowe	Jackson County EMA - Secretary
Jeff Johnson	Jackson County S.O.

Guests: Ned Fernandez and Ben Martino

Mr. McAllister welcomed everyone

Purpose of this meeting: To review the final project list for HMGP monies and to make deletions/modification/additions to be added to the bottom of the current ranking sheet. This is being done in order to ensure Jackson can utilize all of the allotted funds in case some initial ranked projects fall out of the running.

Mr. McAllister advised that Chipola College has made a written request to be added to the LMS Committee.

A motion was made by Ms. Bell and a second by Ms. Wilson to allow Chipola College to become a member of the LMS committee. The motion carried.

Mr. McAllister asked for any projects that are being deleted from the current HMGP ranking list. None were submitted.

Mr. McAllister asked for any projects that are being modified to the current HMPG ranking list. Jackson County has modified their list.

Ms. Pichard is sitting as a voting member on behalf of the County today. She presented a modified projects list for the County. The amount requested is \$23,000 less than the original request. Mr. McAllister recommended that the amount should not be decreased due to future inflation of equipment/labor.

Mr. McAllister advised that the County's modified list will be accepted with no monetary changes from the original submission.

Mr. McAllister asked for any new projects being requested for inclusion for the HMGP funding.

- Town of Malone – no new projects to add
- Town of Alford – no new projects to add
- Town of Sneads – no new projects to add
- City of Cottondale – no new projects to add
- City of Marianna – no new projects to add
- Jackson County – three (3) new projects to add
- Chipola College – two (2) new projects to add

Mr. McAllister advised that he had received notice that the State is requesting all counties in the State of Florida to submit Tier III projects from Irma to the HMGP funding for Michael. He sent an e-mail expressing his concern that the impacted counties from Michael do not need any competition for the much needed funding and also that the project applications have not even been submitted yet. He received a reply that his concern will be pushed up to the DEM Director. Also, he was advised that the DEM Director is the one who initiated the request to add Irma projects to this funding cycle.

Ms. Pichard discussed the three (3) new projects the County wishes to have added to the ranking list. (note: not in ranking order)

- 1) LMS five year re-write \$50,921
- 2) Communications towers for NE and SW portions of the County \$817,438
- 3) Pooser Rd Draining project \$1,550,000

Ms. Pichard advised that these three projects were on the project list before.

Mr. McAllister read the two (2) projects that Chipola College wishes to add to the ranking list. (Note: not in ranking order)

- 1) Wind Retrofit Improvements to six (6) buildings
Workforce Bldg, Library, Natural Sciences, Cafeteria, Dormitory & Social Sciences
- 2) Generators for five(5) facilities
Chiller Plant, Public Service Bldg, Cafeteria, Dormitory & Primary Admin Bldg

Mr. Johnson and Mr. Andreasen advised that the Public Service Building is an approved shelter for emergency workers and their families.

A motion was made by Ms. Pichard and seconded by Mr. Abner to accept the five projects, have them ranked and added to the "bottom" of the current ranking list. The motion carried.

A motion was made by Ms. Bell and seconded by Ms. Pichard to have the projects ranked via e-mail and the outcome to be added to the bottom of the current ranking sheet (moving the Tier II project to the very bottom). The motion carried.

Mr. Johnson asked about the Communications Tower Project and if it would be considered a Tier I project or remain a 5% project. Mr. Fernandez advised that more than likely will remain a 5% project, however, an application needs to be submitted and then the County needs to contact the DEM Director to advise of the importance of the project and to request it be considered as Tier I.

Mr. Abner was asked why Sunland has not submitted any projects to be added. He advised that currently their generators are tied up in legislation and he did not want to make any changes to the current process they are going through.

The next meeting is set for Wednesday, February 19, 2020 at 9:00 am in the Emergency Operations Center.

Mr. McAllister advised that this will be the last meeting where any changes can be made. The deadline to submit the HMGP project list is looming near and the entities are running out of time to submit their applications.

Renee Scurlock

Subject: LMS MEETING

Location: EOC

Start: Wed 2/19/2020 9:00 AM

End: Wed 2/19/2020 10:30 AM

Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Renee Scurlock

Required Attendees: ^EMA RENEE' SCURLOCK LOWE; ^EMA RODNEY ANDREASEN; ADMIN KARLYN TIDWELL ; ADMIN KEN CAMPBELL; ADMIN KRISTIE CLOUD; ADMIN PAM PICHARD; ADMIN WILANNE DANIELS ; ARES BRIAN MCCLURE; Baptist College David Coggins; BUILDING DEPT ALLEN BIGGS; CAMPBELLTON VFD, DANNY TAYLOR; CHAMBER, TIFFANY GARLING; CHIPOLA COLLEGE STEVE YOUNG ; CHIPOLA COLLEGE, SARAH CLEMMONS; CITY OF COTTONDALE HAZMAT FLOYD SCOTT; CITY OF COTTONDALE THERESA BRANNEN; CITY OF GRACEVILLE; CITY OF JACOB; CITY OF MARIANNA JOE RICHEY; CITY OF MARIANNA NIKKI MAYBERRY ; COMMUNITY DEV WENDY SCHLESINGER; COTTONDALE PD WILLIAM WATFORD; danielle@sneadsfl.com; ENGINEERING JEANNIE BEAN; FIRE RESCUE, CHARLIE BRUNNER; FORESTRY DAVID KENT; FORESTRY SHAE SHIVER; GRACEVILLE PD KAYLA SHEPPARD; HOUSING COORD HUNTER POTTS; JCCF JETER; LMS CHAIRPERSON EVAN MCALLISTER; MAIN STREET MEGHAN HOLLEY; MARIANNA FD CHIEF NAKEYA LOVETT; MARIANNA FIRE CLINT WATSON; MARIANNA PD CHIEF HAYES BAGGETT; PARKS RETT DANIELS; ROAD DEPT CARRIE WILLIAMS; ROAD DEPT SCOTTY TAYLOR; SCHOOL BD LARRY MOORE ; SCHOOL BD PETEY SIMS ; SCHOOL BD STUART WIGGINS; SHERIFF'S DEPT JEFF JOHNSON; SHERIFF'S DEPT KEVIN ARNOLD; SNEADS PD MIKE MILLER ; STATE DEM JIM ROBERTS ; SUNLAND ADRIAN ABNER; SUNLAND ALLEN WARD ; TDC CHRISTY ANDREASEN ; TOWN OF ALFORD ; TOWN OF ALFORD MAYOR; TOWN OF BASCOM CHRYSTAL BRYAN; TOWN OF CAMPBELLTON; TOWN OF GR JR MONEYHAM; TOWN OF GRAND RIDGE AMANDA APPLEWHITE ; TOWN OF GREENWOOD ALICIA CORDER; TOWN OF GREENWOOD MAYOR PHYLLIS BOWMAN; TOWN OF MALONE; TOWN OF MALONE JOHN CROSS; TOWN OF SNEADS; TOWN OF SNEADS LYNDA BELL; WALMART MELISSA OKERSON

REMINDER of LMS Committee Meeting Wednesday 2/19/2020 at 9:00 am at the EOC

**LMS Meeting
Emergency Operations Center (EOC)
February 19, 2020 9:00 am**

Voting Members Present:

Silvestra Tharp Town of Alford
Linda Wilson Town of Malone
Lynda Bell Town of Sneads
Theresa Brannen City of Cottondale
Adrian Abner Sunland Training Center
Karlyn Tidwell Jackson County
Jeff Johnson Jackson County S.O.
Kevin Arnold Jackson County S.O.
Wanda Moore Town of Campbellton
Carl Bailey City of Jacob
Felix George City of Jacob
Ronald McAllister Chipola College Representing the College

Non-Voting Members Present:

Evan McAllister Melvin Engineering – Chair
Rodney Andreasen Jackson County EMA – Vice Chair
Renee' Lowe Jackson County EMA - Secretary
Pam Pichard Jackson County Facilities
Scotty Taylor Road and Bridge

Guests: Ned Fernandez, Jamie McMillan, Paula Weeks and Anthony Gratz

Mr. McAllister welcomed everyone

Purpose of this meeting: To finalize the project list for submission.

Mr. McAllister reviewed the purpose of the LMS Committee for the new members present.

Mr. McAllister stated that the current HMGP project list has been in the works since July, 2019. For any new projects that were recently received or will be received at this meeting, they will be added to the bottom of the project list in the order that they were received. There is no time left to go through another ranking process as the letter and update will be sent to the State by Thursday.

Mr. McAllister stated that it was good there are more project requests than money available to us. This will help when the review process at the State and FEMA levels

begin. Should either review committee knock out a project, then all projects will move up a rank.

The Benefit Cost Analysis (BCA) is a driving force behind getting projects approved. Also, remember that all projects awarded money will require that entity to match 25% of the funds.

Mr. McAllister reminded ALL applying entities that March 10, 2020 COB (Eastern Time) is the drop dead date for applications to be submitted to DEM. He suggested that all application be submitted prior to that date eg. March 7, 2020. If any applications are hand-delivered, he also suggested getting a Date/Time Stamp from the person who receives the application so that you have proof it was submitted on time.

Old Business

Mr. McAllister asked if there are any changes to be made to the 28 ranked projects.

Jamie McMillan (Arcadis) representing the City of Marianna advised that there are some changes the City would like to make.

Ranked Item #20 "Marianna-Downtown Electric Utility Hardening" \$8,500,000 is being removed.

Requesting to combine ranking **Co-7** "Marianna-Emergency Generator at 5 Main Lift Stations; ranking **10** "Marianna-Portable Diesel Emergency Lift Station Pumps" and ranking **16** "Marianna-Installation of SCADA System at Lift Stations" into 1 application request.

There was discussion of what would happen to other ranked projects with the combination of the 3 mentioned.

Rett Daniels made a motion to accept the combining of the three projects in question and to place them in the ranking position of 20 (where there was a deletion of a project). Karlyn Tidwell seconded the motion. All members agreed and the motion carried.

After discussion Lynda Bell made a motion to rescind the aforementioned motion due to Mr. Daniels not being an official "voting" member. The motion to rescind was seconded by Adrian Abner. All members agreed and the motion carried.

A motion was made by Ms. Tidwell to combine the City of Marianna's projects co-7 (2nd listed), 10 and 16 into one project and place it at the ranking of 20 with a new title "Marianna-Collection System Hardening". Mr. Abner seconded the motion. All members agreed and the motion carried.

Requests for Inclusion

Mr. McAllister advised that he has received a written request from Jackson Hospital requesting that they become a voting member of the LMS Committee.

A motion was made by Wanda Moore to accept Jackson Hospital into the LMS Working Group as a voting member. The motion was seconded by Mr. Abner. All members agreed and the motion carried.

Mr. McAllister advised that he has also received a request from West Florida Electric Co-Op to become a voting member of the LMS Committee.

Ms. Bell made a motion to accept West Florida Electric Co-Op as a member of the LMS Working Group as a voting member. The motion was seconded by Linda Wilson. All members agreed and the motion carried.

New Projects

Mr. McAllister stated that Jackson Hospital and West Florida Electric Co-Op have made project requests. He stated that this late in the process the ranking procedure would be too time consuming and stated that he will accept the projects in the order that they were received.

West Florida Electric Co-Op is submitting a project for a 300 kW generator with transfer switch and re-wiring in order to provide back-up power for the Graceville Headquarters. The cost of project being \$375,971.

Ms. Bell made a motion to accept and add the West Florida Electric Co-Op request to the project list. Ms. Wilson seconded the motion.

Discussion – Ms. Bell wanted to clarify that the West Florida Electric Co-Op project would be added to the bottom of the already “ranked” projects. Mr. McAllister stated that it would and any projects added today will be done so by the date they were received.

The Committee agreed to the motion as presented and it carried.

Jackson Hospital is submitting a project for the construction of a potable water and fire flow back-up system. This would include a back-up on-site well, chlorination tank and the completion of a municipal water line loop to provide redundant water support to the hospital. The cost of this project is \$1,317,503.

Ms. Bell made a motion to accept and add the Jackson Hospital request to the project list. Ms. Wilson seconded the motion. All members agreed and the motion carried.

Jackson County is requesting to add a new project. Construction of a new Emergency Operations Center (EOC) adjacent to the Jackson County Sheriff's Office located at Endeavor. The cost of this project is \$1,940,000.

Mr. Carl Bailey asked if the current Sheriff's Office is rated to withstand hurricane force winds. Mr. Rodney Andreasen advised that it is.

A motion was made by Ms. Moore to add the County's project request for a new EOC at Endeavor to the project list. The motion was seconded by Mr. Abner. All members agreed and the motion passed.

Mr. McAllister stated that this meeting is the last that any projects can be added. He asked if there are any other changes/additions/deletions to be made. Hearing no other changes, the list will be adjusted to reflect the above deletion and additions and will be submitted to the State this week.

Other Matters

Mr. McAllister requested that the LMS Working Group members clarify the status of the Sheriff's Office. They are currently listed as non-voting members, but he feels the committee should vote on their status. They do fall under the elected official category and have always been an active member of the LMS Committee.

Ms. Bell made a motion to make the Jackson County Sheriff's Office a voting member of the LMS Committee. The motion was seconded by Mr. Abner.

Discussion – Ms. Bell feels that any elected official should be allowed to be a voting member, if they so choose. They are elected by the citizens and should be given this right. Pam Pichard advised that the Sheriff's Office Communications is the heart of the County as a whole.

All members agree with the motion and it carried.

Mr. McAllister recognized consultants in attendance from Arcadis and Wheeler. He stated that they have been waiting anxiously for the letter of support in order to file their client's applications.

Ned Fernandez of Arcadis mentioned that they may be some changes to the 27P-22 coming very soon that will affect the allocation process of monies. Please stay in-tune with the changes and let your feelings be known to the State.

Meeting was adjourned

Minutes taken by Renee' Scurlock-Lowe
Revised by Evan McAllister

2020 Jackson County Local Mitigation Strategy Working Group

A G E N D A

Date: March 04, 2020

Time: 9:00 AM

Location:

**Jackson County EOC
Meeting Room**

- Sign In
- Chairperson's Report
- Old Business
 -
- New Business
 - Requests for HMGP Project
Modifications
- Future meetings
 - TBD
- Adjournment

DATE 9th 314/2020
TIME

LMS COMMITTEE MEETING
FINAL PROJECT SUBMISSION

EOC
VOTING MEMBERS

NAME	PHONE	DEPARTMENT	EMAIL	SIGNATURE OF ATTENDANCE
ABNER, ADRIAN	482-9210	SUNLAND	adrian.abner@apdcare.org	
ADAMS, EUGENE	263-4219	CITY OF GRACEVILLE	gracevilleclerk@wfeca.net	
APPLEWHITE, AMANDA	592-4621	TOWN OF GRAND RIDGE	grandridgeclerk@embarqmail.com	
ARNOLD, KEVIN	482-9624	SHERIFF'S OFFICE	arnoldkr@fcjn.net	
BAILEY, CARL	263-6636	JACOB CITY	jacobcity@wfeca.net	
BEL, LYNDIA	593-6636	TOWN OF SNEADS	sneadsmgr@sneadsfl.com	
BRANNEN, THERESA	352-4361	CITY OF COTTONDALE	theresa@cityofcottondale.net	
BOWMAN, PHYLLIS	594-1216	TOWN OF GREENWOOD	mayorbowman@townofgreenwood.org	
CHADWELL, DEREK	263-3231	WEST FL ELECTRIC	dchadwell@westflorida.coop	
CLEMMONS, SARAH	718-8673	CHIPOLA COLLEGE	clemmons@chipola.edu	
CORDER, ALICIA	594-1216	TOWN OF GREENWOOD	townhall@townofgreenwood.org	
CROSS, JOHN	569-2308	TOWN OF MALONE	malonetownhall@embarqmail.com	
DANIEL, KEVIN	718-2616	JACKSON HOSPITAL	kdaniel@jackhosp.org	
DANIELS, WILLANE	482-9633	JACKSON COUNTY	wdaniels@jacksoncountyfl.com	
GARLING, TIFFANY	482-8060	CHAMBER	tiffany@jacksoncounty.com	
GAY, GEORGE	579-4684	TOWN OF ALFORD	alfordmayor@yahoo.com	
GEORGE, FELIX	263-6636	JACOB CITY	jacobcity@wfeca.net	
GRIFFIN, SHERRI	593-6636	TOWN OF SNEADS	sherrigriffin@sneadsfl.com	
JAMES, BILL	482-9124	TOWN OF BASCOM	townofbascom@wfeca.net	
JOHNSON JEFF	482-9624	SHERIFF'S OFFICE	johnsonj@fcjn.net	
KENT, DAVID	625-6631	DIVISION OF FORESTRY	david.kent@FDACS.gov	
MAYBERRY, NIKKI	482-9124	CITY OF MARIANNA	nmayberry@mariannafli.city	
MOORE, WANDA	263-4535	TOWN OF CAMPBELLTON	tc32426@bellsouth.net	
MONEYHAM, JR	592-4621	TOWN OF GRAND RIDGE	townofgrandridge@embarqmail.com	

DATE 3/4/2020
TIME 9:30am

LMS COMMITTEE MEETING
FINAL PROJECT SUBMISSION

EOC
VOTING MEMBERS

NAME	PHONE	DEPARTMENT	EMAIL	SIGNATURE OF ATTENDANCE
Malina, Terry	263-3231	WEST FL ELECTRIC	tmullen@westflorida.coop	
PLATT, JIM	ALT 718-2622	JACKSON HOSPITAL	jplatt@jackhosp.org	
RICHEY, JOE	482-4129	CITY OF MARIANNA	jrichey@mariannafli.city	Joe Richey
SCOTT, FLOYD	352-4361	CITY OF COTTONDALE	floyd@cityofcottondale.net	
TAYLOR, DANNY	ALT 579-4684	TOWN OF ALFORD	townofalford@embargoemail.com	
THARP, SILVESTRA	ALT 579-4684	TOWN OF ALFORD	clerk@alfordfl.com	
TIDWELL, KARLYN	ALT 482-9633	JACKSON COUNTY	ktidwell@jacksoncountyfl.com	Karlyn Tidwell
WARD, ALLEN	ALT 372-6601	SUNLAND	allen.ward@apdcares.org	
WATKINS, MICHELLE	ALT 263-4219	CITY OF GRACEVILLE	gracevilleclerk@wfeca.net	
WILLIAMS, WILLIE	ALT 569-2308	TOWN OF MALONE	malonetownhall@embargoemail.com	
WEHERLEY, STEVE	625-6621	DIVISION OF FORESTRY	steve.weherley@FDACS.gov	
WILSON, LINDA	569-2308	TOWN OF MALONE	malonetownhall@embargoemail.com	Linda Wilson
YOUNG, STEVE	ALT 718-2203	CHIPOLA COLLEGE	youngs@chipola.edu	

DATE 3/11/2020
TIME 9:30 AM

LMS COMMITTEE MEETING
FINAL PROJECT SUBMISSION EOC

NAME	DEPARTMENT	EMAIL	SIGNATURE OF ATTENDANCE
Andreasen, Christy	482-8061 TDC	candreasen@jacksoncountyfl.com	
Andreasen, Rodney	718-0007 Emergency Mgmt	randreasen@jacksoncountyfl.com	
Arnold, Kevin	482-9624 Sheriff's Office	arnoldkr@flcjn.net	
Baggett, Hayes	526-3125 Marianna PD	baggetth@flcjn.net	
Biggs, Allen	482-9802 Building Dept	abiggs@jacksoncountyfl.com	
Brunner, Charlie	718-0008 Fire Rescue	cbrunner@jacksoncountyfl.com	
Campbell, Ken	482-9633 Utilities	kcampbell@jacksoncountyfl.com	
Cloud, Kristie	482-9633 Administration	kcloud@jacksoncountyfl.com	
Coggins, David	Baptist College	idcoggins@baptistcollege.edu	
Daniels, Rett	718-0437 Utilities/Parks/Rec	rdaniels@jacksoncountyfl.com	
Dennis, Tommy	Graceville VFD	chief251@gracevillefirerescue.org	
Jeter, Jammie	482-9651 Jackson County Corrections	jjeter@jacksoncountyfl.com	
Johnson, Jeff	482-9624 Sheriff's Office	johnsonj@flcjn.net	
Laramore, Heather	Sunland	heather.laramore@apdcares.org	
Lovett, Nakeya	482-2414 Marianna Fire Rescue	nlovett@mariannacty.fl	
Lowe, Renee	718-0008 Emergency Mgmt	rscurlock@jacksoncountyfl.com	
Martin, Charlie	Graceville Utilities	charmartin@msn.com	
McAllister, Evan	718-4213 LMS Chairman	jchmschair@gmail.com	
McClure, Brian	HAM	brian.mcclure@gmail.com	
Miller, Mike	Sneads PD	chief@sneadsfl.com	
Okerson, Melissa	Walmart	meekers.s01385.us@wal-mart.com	
Pichard, Pam	482-9633 Facilities	ppichard@jacksoncountyfl.com	
Potts, Hunter	Housing	hpotts@jacksoncountyfl.com	

DATE 3/4/2020
TIME 9:30

LMS COMMITTEE MEETING
FINAL PROJECT SUBMISSION EOC

SIGNATURE OF
ATTENDANCE

NAME	DEPARTMENT	EMAIL	SIGNATURE OF ATTENDANCE
Scarborough, Tyler	526-3125 Marianna PD	scarboroughtj@flcjn.net	
Schlesinger, Wendy	482-9637 Community Development	wschlesinger@jacksoncountyfl.com	
Stone, Douglas	Sunland	douglas.stone@apdcares.org	
Watford, William	352-4361 Cottendale PD	watfordw@flcjn.net	
Williams, Carrie	482-9629 Road Dept	cwilliams@jacksoncountyfl.com	
FEUNANDEZ, EDUARDO	850-570-5624	EDUARDO.FEUNANDEZ@ALICIAJES.com	
Grote, Anthony	850-212-1744	Anthony.Grote@whdenc.com	
Taylor, Scotty	850-209-9884 Road Dept	staylor@jacksoncountyfl.net	

**LMS Meeting
Emergency Operations Center (EOC)
March 4, 2020 9:00 am**

Voting Members Present:

Silvestra Tharp Town of Alford
Linda Wilson Town of Malone
Lynda Bell Town of Sneads
Theresa Brannen City of Cottondale
Karlyn Tidwell Jackson County
Kevin Daniel – Jackson Hospital
Joe Richey – City of Marianna
Terry Mullen – West Florida Electric

Non-Voting Members Present:

Evan McAllister Melvin Engineering – Chair
Rodney Andreasen Jackson County EMA – Vice Chair
Renee' Lowe Jackson County EMA - Secretary
Scotty Taylor Road and Bridge

Guests: Ned Fernandez & Anthony Gratz

Mr. Andreasen advised the Committee of the Severe Weather headed our way today and tomorrow.

Purpose of this meeting: Absolute final chance to make any changes to the project list.

Mr. McAllister advised that any flood issues that should come from the severe weather should be documented for historical data. Anytime there is a power outage, wind damage, flooding, etc should be documented for historical use on future project applications. This information helps to meet the criteria of the Benefit Cost Analysis (BCA).

Mr. McAllister reviewed the current project submission list and advise members of the changes that have been brought to his attention.

Project #7 Marianna Health and Rehab Generator – the cost of the projected has decreased from \$1,000,000 to \$956,974.50

Project #14 Town of Alford Westwood Drive Storm Water Mitigation – the cost of the project has increased from \$100,000 to \$245,585

Project #16 Marianna Public Safety Building Code Plus Project – the cost of the project has decreased from \$4,000,000 to \$1,413.300

Project #17 Marianna- Kelson Street Storm Water Project – the cost of the project has decreased from \$8,925,000 to \$8,293,509

Project #18 Marianna- Waste Water Collection System Hardening – the cost of the project has increased from \$1,052,000 to \$2,432,220

Project #19 Marianna – Public Works Center Wind Retrofit – the cost of the project has decreased from \$6,000,000 to \$1,659,000

Project #22 – Generators for 5 Critical Chipola Campus Facilities – has been combined with project #25. The cost of the project of \$4,000,000 has been moved into the cost of Project #25

Project #25 – Name change to Chipola College Critical Building Hardening Project – the cost of this newly named project is \$4,000,000 (originally it was \$1,600,000)

Project #27 – Jackson Hospital Emergency Backup Water System – the cost of this project has increased from \$1,317,503 to \$1,560,825

Project CO-13 – Malone Town Hardening has been removed entirely – the project cost of \$2,00,000 is added back to the allocation.

Mr. McAllister asked for a last call to any additional changes.

Ned Fernandez wanted to have the initial submitted cost of project #24 LMS/Floodplain Management Update to be checked into. It should have been submitted as \$46,310, but is showing on the project list as \$38,000.

Mr. McAllister asked Ms. Tidwell if it was the County's desire to make an adjustment to the cost of project #24. Ms. Tidwell advised that she was not aware of a change to be made, but will go on the recommendation of the County's consultant to request Project #24 to be increased from \$38,000 to \$46,310.

Ms. Wilson from the Town of Malone asked if she should combine her two generator projects into one. Mr. McAllister advised that it would need to be a decision that the Town and their consultant should make. However, at this last minute meeting he did not know that it would be beneficial. Mr. Fernandez (not the consultant for the Town of Malone advised that it would not make much of a difference). Ms. Wilson said that the Town's consultant had mentioned it, but said it would be fine to remain separate.

Mr. McAllister advised that with the recent changes, he feels that the projects should remain in their current ranking (unless they have been deleted). He said that there were more project dollars returned to the allotment than there were taken from it and it would actually 'initially' fund one more project than we had originally.

The voting members present concurred with Mr. McAllister that the projects should remain where they are with the above changes being made to the final project list.

Mr. McAllister advised that the revised project list and letter will be submitted to the State this afternoon.

Mr. Fernandez brought up the HMGP allocation process change that was mentioned last meeting. He said that it appears the Division will have more say so in what is considered for award and that the County project lists will be used just for suggestion only.

Please go to the FAC website and click on the tab to make your comments/concerns known.

Website address:

Minutes taken by Renee' Scurlock-Lowe

Meeting adjourned at 9:30 am

Renee Scurlock

From: Renee Scurlock <rscurlock@jacksoncountyfl.com>
Sent: Monday, March 30, 2020 3:26 PM
To: ^EMA RENEE' SCURLOCK LOWE; ^ EMA RODNEY ANDREASEN; ADMIN KARLYN TIDWELL ; ADMIN KEN CAMPBELL; ADMIN KRISTIE CLOUD; ADMIN PAM PICHARD; ADMIN WILANNE DANIELS ; ARES BRIAN MCCLURE; Baptist College David Coggins; BUILDING DEPT ALLEN BIGGS; CAMPBELLTON VFD, DANNY TAYLOR; CHAMBER, TIFFANY GARLING; CHIPOLA COLLEGE STEVE YOUNG ; CHIPOLA COLLEGE, SARAH CLEMMONS; CITY OF COTTONDALE HAZMAT FLOYD SCOTT ; CITY OF COTTONDALE THERESA BRANNEN; CITY OF GRACEVILLE; CITY OF JACOB; CITY OF MARIANNA JOE RICHEY; CITY OF MARIANNA NIKKI MAYBERRY ; COMMUNITY DEV WENDY SCHLESINGER; COTTONDALE PD WILLIAM WATFORD; danielle@sneadsfl.com; ENGINEERING JEANNIE BEAN; FIRE RESCUE, CHARLIE BRUNNER; FORESTRY DAVID KENT; FORESTRY SHAE SHIVER; GRACEVILLE PD KAYLA SHEPPARD; HOUSING COORD HUNTER POTTS; JACKSON HOSPITAL JAMES PLATT ; JACKSON HOSPITAL KEVIN DANIEL ; JCCF JETER; LMS CHAIRPERSON EVAN MCALLISTER; MAIN STREET MEGHAN HOLLEY; MARIANNA PD CHIEF HAYES BAGGETT; PARKS RETT DANIELS; REA DEREK CHADWELL (DCHADWELL@WESTFLORIDA.COOP); REA, TERRY MULLEN; ROAD DEPT CARRIE WILLIAMS; ROAD DEPT SCOTTY TAYLOR; SCHOOL BD LARRY MOORE ; SCHOOL BD PETEY SIMS ; SCHOOL BD STUART WIGGINS; SHERIFF'S DEPT JEFF JOHNSON; SHERIFF'S DEPT KEVIN ARNOLD; SNEADS PD MIKE MILLER ; STATE DEM JIM ROBERTS ; SUNLAND ADRIAN ABNER; SUNLAND ALLEN WARD ; TDC CHRISTY ANDREASEN ; TOWN OF ALFORD ; TOWN OF ALFORD MAYOR; TOWN OF BASCOM CHRYSTAL BRYAN; TOWN OF CAMPBELLTON; TOWN OF GR JR MONEYHAM; TOWN OF GRAND RIDGE AMANDA APPLEWHITE ; TOWN OF GREENWOOD ALICIA CORDER; TOWN OF GREENWOOD MAYOR PHYLLIS BOWMAN; TOWN OF MALONE; TOWN OF MALONE JOHN CROSS; TOWN OF SNEADS; TOWN OF SNEADS LYNDY BELL; WALMART MELISSA OKERSON
Subject: MEETING REMINDER LMS
Importance: High

Good afternoon everyone.

This is a reminder of the LMS meeting at 9:00 am on April 1st via ZOOM conference calling. You should have received an invitation to this meeting last week (see below).

It is vital that everybody tries to connect with this teleconference since changes are being made with some of the projects. Any modifications to the projects need to be presented in this teleconference.

Thank You,
Evan McAllister.

JACKSON COUNTY EMERGENCY MGMT is inviting you to a scheduled Zoom meeting.
Join Zoom Meeting

https://zoom.us/j/430864387?pwd=V2ZPTTd1YraVVIwTUyU1YvMHIuLU_109

Meeting ID: 430 864 387

**LMS Meeting
VIA ZOOM
April 1, 2020 9:00 am**

Voting Members Present:

Lynda Bell Town of Sneads
Theresa Brannen City of Cottondale
Pam Pichard – Jackson County (voted on behalf of Jackson County)
Karlyn Tidwell Jackson County
Kevin Daniel – Jackson Hospital
Carl Bailey – City of Jacob
Terry Mullen – West Florida Electric
Christy Andreasen - TDC

Non-Voting Members Present:

Evan McAllister Melvin Engineering – Chair
Rodney Andreasen Jackson County EMA – Vice Chair
Renee' Lowe Jackson County EMA - Secretary

Guests: Ned Fernandez; Joshua Norman; Ann Compton; David Melvin; Rick Pettis Unknown:

DKanitz; 12258921093

Meeting began at 9:03 am

Mr. McAllister invited everyone to the first ever ZOOM meeting of the LMS Committee.

A quorum was met for voting purposes of this meeting.

Mr. McAllister advised of an update to the Town of Grand Ridge's generator project (ranking #2). They are modifying their project cost from \$42,000 to \$60,000 increase of \$18,000.

Mr. McAllister also advised that Jackson Hospital wishes to add a project. It will be at the bottom of the list ranked as project #29. They wish to add eleven (11) generators for back-up at their off-site medical facilities. The cost of the project is \$3,488,469.

Mr. McAllister asked if there were any other changes/modifications that need to be made to projects on the current list. No changes/modifications were acknowledged.

Voting members agreed to modify ranked project #2 for the Town of Grand Ridge to include the increase of \$18,000 as well as adding the new project #29 for Jackson Hospital for \$3,488,469.

Mr. McAllister will move forward with the accepted changes and add them to the modified letter.

The State has advised that they will accept the initial letter/application packet and will add the modified letter when received. Mr. McAllister will create a newly modified letter after April 15, 2020.

The LMS committee will meet via Zoom one more time before the modified letter is submitted.

The State asks, in light of the CoVID-19 virus situation, that any applications to be submitted be done so through FEDEX (tracking number) or United Postal Service. All applications must be post marked on or before the due date.

Mr. McAllister asks that if there are any more changes/modifications to be made that they be submitted to the LMS officers **before the April 15, 2020 meeting**.

Ms. Lowe will forward a ZOOM invite for the 9:00 am April 15, 2020 meeting.

Meeting adjourned at 9:25 am

Minutes taken by Renee' Scurlock-Lowe

**LMS Meeting
VIA ZOOM
April 15, 2020 9:00 am**

Voting Members Present:

Theresa Brannen City of Cottondale
Pam Pichard — Jackson County (Alt)
Karlyn Tidwell Jackson County
Kevin Daniel — Jackson Hospital
Joe Richey — City of Marianna

Non-Voting Members Present:

Evan McAllister Melvin Engineering — Chair
Rodney Andreasen Jackson County EMA — Vice Chair
Renee' Lowe Jackson County EMA - Secretary
Wendy Schlesinger — Community Development

Guests: Anthony Gratz; Jamie McMillan

Meeting began at 9:05 am

Mr. McAllister invited everyone to the meeting with a roll call as listed on the computer.

A quorum was not met, but due to the Co-VID19 pandemic it was allowed for this meeting.

Mr. McAllister advised that this meeting is for the final acceptance of projects for the HMGP project list.

Last meeting (April 1, 2020) the additional project for Jackson Hospital was added and the modification for the Town of Grand Ridge was added.

There has been one new project received that will be voted on at this meeting. The town of Cottondale is adding a new project "Generators for Critical Facilities". The cost of the project is \$168,971.97.

Mr. McAllister called for any other changes, additions, modifications, scope of work changes, etc that should be considered at this time. There were no comments from members on the call.

Mr. Richey asked if non-HMGP projects should be addressed at this time. He has a project that was on the list in the past, but needs to be added back. Mr. McAllister advised that it could be added during the update of the LMS Plan in the near future, but this meeting is strictly for HMGP projects.

Mr. McAllister advised that all applications should be submitted electronically. He received an

e-mail from the Division of Emergency Management asking that this method of submission be used due to the Co-VID19 pandemic. No applications should be hand-delivered to the State.

Therefore, all applications should be submitted ASAP.

Joe Riche made a motion to accept the new project from Cottdale and to add it to the bottom of the project list. Karlyn Tidwell seconded the motion and it passed unanimously.

Mr. McAllister will be sending the application letter today.

Mr. McAllister will also provide a copy to the members of the DEM e-mail stating that they wish to receive all applications electronically.

Meeting adjourned 9:25 am.

Minutes taken by Renee' Scurlock-Lowe

ADDENDUM TO MEETING MINUTES:

The Town of Sneads was not able to attend the ZOOM meeting and contacted the Chairman concerning revised project costs for their projects that were not approved at the meeting on April 15, 2020. An email communication concerning this was sent out to all of the voting committee members on April 16, 2020 requesting concurrence for both the costs adjustments and that the towns project retain their ranking. Responses were received by the Chairman and the JCEMA. From the responses, the members responding concurred positively to allow the adjustments in costs and the ranking of the projects. A revised Final HMGP Support Letter was produced by the Chairman and sent out to all committee membership along with transmittal to the State of Florida FDEM.

----- Forwarded message -----

From: **Renee Scurlock** <rscurlock@jacksoncountyfl.com>

Date: Tue, Jun 9, 2020 at 9:21 AM

Subject: Jackson County 5-Year Updated LMS Goals Approval

To: ^EMA RENEE' SCURLOCK LOWE <rscurlock@jacksoncountyfl.com>, ^EMA RODNEY ANDREASEN <randreassen@jacksoncountyfl.com>, ADMIN KARLYN TIDWELL <ktidwell@jacksoncountyfl.com>, ADMIN KEN CAMPBELL <kcampbell@jacksoncountyfl.com>, ADMIN KRISTIE CLOUD <kcloud@jacksoncountyfl.com>, ADMIN PAM PICHARD <ppichard@jacksoncountyfl.com>, ADMIN WILANNE DANIELS <wdaniels@jacksoncountyfl.com>, ARES BRIAN MCCLURE <BRIAN.MCCLURE@gmail.com>, Baptist College David Coggins <jdcoggins@baptistcollege.edu>, BUILDING DEPT ALLEN BIGGS <abiggs@jacksoncountyfl.com>, CAMPBELLTON VFD, DANNY TAYLOR <de-taylor671@outlook.com>, CHAMBER, TIFFANY GARLING <tiffany@jacksoncounty.com>, CHIPOLA COLLEGE STEVE YOUNG <YOUNGS@chipola.edu>, CHIPOLA COLLEGE, SARAH CLEMMONS <clemmonss@chipola.edu>, CITY OF COTTONDALE HAZMAT FLOYD SCOTT <floyd@cityofcottondale.net>, CITY OF COTTONDALE THERESA BRANNEN <theresa@cityofcottondale.net>, CITY

OF GRACEVILLE <gracevilleclerk@wfeca.net>, CITY OF JACOB <jacobcity@wfeca.net>, CITY OF MARIANNA JOE RICHEY <jrichey@mariannafl.city>, CITY OF MARIANNA NIKKI MAYBERRY <nmayberry@mariannafl.city>, COMMUNITY DEV WENDY SCHLESINGER <w Schlesinger@jacksoncountyfl.com>, COTTONDALE PD WILLIAM WATFORD <watfordw@flcjn.net>, <danielle@sneadsfl.com>, ENGINEERING JEANNIE BEAN <jbean@jacksoncountyfl.com>, FIRE RESCUE, CHARLIE BRUNNER <cbrunner@jacksoncountyfl.com>, FORESTRY DAVID KENT <DAVID.KENT@fdacs.gov>, FORESTRY SHAE SHIVER <Patrick.Shiver@fdacs.gov>, GRACEVILLE PD KAYLA SHEPPARD <mullenkm@flcjn.net>, HOUSING COORD HUNTER POTTS <hpotts@jacksoncountyfl.com>, JACKSON HOSPITAL JAMES PLATT <JPLATT@jackhosp.org>, JACKSON HOSPITAL KEVIN DANIEL <KDANIEL@jackhosp.org>, JCCF JETER <jccfjeter@jacksoncountyfl.com>, LMS CHAIRPERSON EVAN MCALLISTER <jclmschair@gmail.com>, MAIN STREET MEGHAN HOLLEY <mainstreet@mariannafl.city>, MARIANNA PD CHIEF HAYES BAGGETT <baggetth@flcjn.net>, PARKS RETT DANIELS <rdaniels@jacksoncountyfl.com>, REA DEREK CHADWELL <DCHADWELL@westflorida.coop>, REA, TERRY MULLEN <mullen@westflorida.coop>, ROAD DEPT CARRIE WILLIAMS <cwilliams@jacksoncountyfl.com>, ROAD DEPT SCOTTY TAYLOR <staylor@jacksoncountyfl.com>, SCHOOL BD LARRY MOORE <LARRY.MOORE@jcsb.org>, SCHOOL BD PETEY SIMS <petey.sims@jcsb.org>, SCHOOL BD STUART WIGGINS <Stuart.Wiggins@jcsb.org>, SHERIFF'S DEPT JEFF JOHNSON <johnsonjl@flcjn.net>, SHERIFF'S DEPT KEVIN ARNOLD <arnoldkr@flcjn.net>, SNEADS PD MIKE MILLER <CHIEF@sneadsfl.com>, STATE DEM JIM ROBERTS <JIM.ROBERTS@em.myflorida.com>, SUNLAND ADRIAN ABNER <adrian.abner@apdcares.org>, SUNLAND ALLEN WARD <allen.ward@apdcares.org>, TDC CHRISTY ANDREASEN <candreasen@jacksoncountyfl.com>, TOWN OF ALFORD <clerk@alfordfl.com>, TOWN OF ALFORD MAYOR <alfordmayor@yahoo.com>, TOWN OF BASCOM CHRYSTAL BRYAN <townofbascom@centurylink.net>, TOWN OF CAMPBELLTON <tc32426@bellsouth.net>, TOWN OF GR JR MONEYHAM <townofgrandridge@embarqmail.com>, TOWN OF GRAND RIDGE AMANDA APPLEWHITE <GRANDRIDGETOWNCLERK@embarqmail.com>, TOWN OF GREENWOOD ALICIA CORDER <townhall@townofgreenwood.org>, TOWN OF GREENWOOD MAYOR PHYLLIS BOWMAN <mayorbowman@townofgreenwood.org>, TOWN OF MALONE <malonetownhall@embarqmail.com>, TOWN OF MALONE JOHN CROSS <johnncross@centurylink.net>, TOWN OF SNEADS <sherrigriffin@sneadsfl.com>, TOWN OF SNEADS LYNDIA BELL <sneadsmgr@sneadsfl.com>, WALMART MELISSA OKERSON <meokers.s01375.us@wal-mart.com>
CC: GP STRATEGIES PAT WHITE <pmwhite404@gmail.com>, GP Strategies Shanti Copeland <sscopeland@excelusa.com>

RESPONSE REQUESTED BACK FROM ALL VOTING MEMBERS BY: Tuesday June 16 2020.

To All LMS Members:

We are now in the process of updating for the 5-Year update for the LMS Document for Jackson County.

One of the first orders of business we need concurrence on is the goals set for our program. I have attached the current goals which were set for our LMS 2016-2020 document. I have also attached a document with the updated proposed goals for the 2021-2025 LMS document.

As you will see I have offered some deletions to some of the goals to streamline our document to what is our mission specifically to the County and its agencies. These goals will set how we propose future projects as part of our LMS. The importance of this being concurred is it will then move us to start the process of resubmitting projects into our LMS that are applicable to this specific program.

This is to remind everyone, and what has been discussed in many of the previous meetings. All projects currently listed shall no longer be carried over. All current approved projects that were submitted as part of the HMGP applications shall become the first 28 projects on the new and revised list. Beyond that all agencies must submit new project requests to our updated LMS document.

This is why it is very critical we get our new goals for the 2021-2025 LMS set, because this will then be used to create the updated Project request form which you all will use to request projects from the committee.

We are requesting that you all review the proposed goals and forward an email with concurrence AND/OR with comments if needed. We are requesting review and comment back to Renee, Rodney, and myself by Tuesday June 16, 2020 at 4:00PM. Due to our time constraints, we are completing this via electronic reply. We must have a concurrence of the voting membership, but we are sending this to everyone we have listed for the committee. If we receive concurrence from a quorum of the voting membership, the goals as stated shall be considered approved. If we receive comments with changes to the goals and do not have concurrence of the quorum, we will call an immediate meeting of the committee to discuss through and approve.

Thank you

Evan M. McAllister
Jackson County LMS Chair

Two Attachments:
Current Jackson County LMS Goals

- #1. Protect health, safety, and welfare of the communities citizens and visitors will not be threatened by disaster.
- #2. Maintain the availability and functioning of the communities infrastructure will not be significantly disrupted by disaster.
- #3. The continuity of local government operations will not be significantly disrupted by disaster.
- #4. Maintain emergency response readiness.
- #5. Minimize property damage to homes, institutions, places of employment in the community.
- #6. Support effective hazard mitigation programming throughout the community with local government policies and regulations.
- #7. Local government to have the capability to develop, implement, and maintain affective mitigation efforts.
- #8. Coordinate with other government agencies to enhance regional mitigation efforts.
- #9. Seek preventative measures which would reduce loss and the need for response and recovery efforts.
- #10. Promote community awareness of local hazards and techniques to minimize vulnerability to those hazards.
- #11. Minimize government expenditures for public goods and services.
- #12. Promote economic vitality of the community.
- #13. Maintain the condition of the riverine environment systems, especially those that provide natural protection and have economic value.
- #14. Protect scenic, historical and recreational community resources.

AND

Proposed Jackson County 2021 – 2025 LMS Goals

- #1. Protect health, safety, and welfare of the communities citizens and visitors will not be threatened by disaster.
- #2. Maintain the availability and functioning of the communities infrastructure will not be significantly disrupted by disaster.
- #3. The continuity of essential local government operations will not be significantly disrupted by disaster.
- #4. Maintain emergency response readiness.
- #5. Minimize property damage to homes, institutions, places of employment in the community.
- #6. Support effective hazard mitigation programming throughout the community with local government policies and regulations.
- #7. Coordinate with other government agencies to enhance regional mitigation efforts.
- #8. Promote community awareness of local hazards and techniques to minimize vulnerability to those hazards.
- #9. Maintain the condition of the riverine environment systems, especially those that provide natural protection and have economic value.

#10.Protect scenic, historical and recreational community resources.

----- Forwarded message -----

From: **Renee Scurlock** <rscurlock@jacksoncountyfl.com>

Date: Thu, Jun 25, 2020 at 10:27 AM

Subject: LMS Finalized Goals for 2021-2025

To: GP Strategies Shanti Copeland <sscopeland@excelusa.com>, GP STRATEGIES PAT WHITE <pmwhite404@gmail.com>, GP STRATEGIES JOSH NORMAN <JNORMAN@gpstrategies.com>, ^EMA RENEE' SCURLOCK LOWE <rscurlock@jacksoncountyfl.com>, ^EMA RODNEY ANDREASEN <randrease@jacksoncountyfl.com>, ADMIN KARLYN TIDWELL <ktidwell@jacksoncountyfl.com>, ADMIN KEN CAMPBELL <kcampbell@jacksoncountyfl.com>, ADMIN PAM PICHARD <ppichard@jacksoncountyfl.com>, ADMIN WILANNE DANIELS <wdaniels@jacksoncountyfl.com>, ARES BRIAN MCCLURE <BRIAN.MCCLURE@gmail.com>, Baptist College David Coggins <jdcoggins@baptistcollege.edu>, BUILDING DEPT ALLEN BIGGS <abiggs@jacksoncountyfl.com>, CAMPBELLTON VFD, DANNY TAYLOR <de-taylor671@outlook.com>, CHAMBER, TIFFANY GARLING <tiffany@jacksoncounty.com>, CHIPOLA COLLEGE STEVE YOUNG <YOUNGS@chipola.edu>, CHIPOLA COLLEGE, SARAH CLEMMONS <clemmonss@chipola.edu>, CITY OF COTTONDALE HAZMAT FLOYD SCOTT <floyd@cityofcottondale.net>, CITY OF COTTONDALE THERESA BRANNEN <theresa@cityofcottondale.net>, CITY OF GRACEVILLE <gracevilleclerk@wfeca.net>, CITY OF JACOB <jacobcity@wfeca.net>, CITY OF MARIANNA JOE RICHEY <jrichey@mariannafl.city>, CITY OF MARIANNA NIKKI MAYBERRY <nmayberry@mariannafl.city>, COMMUNITY DEV WENDY SCHLESINGER <wschlesinger@jacksoncountyfl.com>, COTTONDALE PD WILLIAM WATFORD <watfordw@flcjn.net>, <danielle@sneadsfl.com>, ENGINEERING JEANNIE BEAN <jbean@jacksoncountyfl.com>, FIRE RESCUE, CHARLIE BRUNNER <cbrunner@jacksoncountyfl.com>, FORESTRY DAVID KENT <DAVID.KENT@fdacs.gov>, FORESTRY SHAE SHIVER <Patrick.Shiver@fdacs.gov>, GRACEVILLE PD KAYLA SHEPPARD <mullenkm@flcjn.net>, HOUSING COORD HUNTER POTTS <hpotts@jacksoncountyfl.com>, JACKSON HOSPITAL JAMES PLATT <JPLATT@jackhosp.org>, JACKSON HOSPITAL KEVIN DANIEL <KDANIEL@jackhosp.org>, JCCF JETER <jccfjeter@jacksoncountyfl.com>, LMS CHAIRPERSON EVAN MCALLISTER <jclmschair@gmail.com>, MAIN STREET MEGHAN HOLLEY <mainstreet@mariannafl.city>, MARIANNA PD CHIEF HAYES BAGGETT <baggetth@flcjn.net>, PARKS RETT DANIELS <rdaniels@jacksoncountyfl.com>, REA DEREK CHADWELL <DCHADWELL@westflorida.coop>, REA, TERRY MULLEN <tmullen@westflorida.coop>, ROAD DEPT CARRIE WILLIAMS <cwilliams@jacksoncountyfl.com>, ROAD DEPT SCOTTY TAYLOR <staylor@jacksoncountyfl.com>, SCHOOL BD LARRY MOORE <LARRY.MOORE@jcsb.org>, SCHOOL BD PETEY SIMS <petey.sims@jcsb.org>, SCHOOL BD STUART WIGGINS <Stuart.Wiggins@jcsb.org>, SHERIFF'S DEPT JEFF JOHNSON <johnsonjl@flcjn.net>, SHERIFF'S DEPT KEVIN ARNOLD <arnoldkr@flcjn.net>, SNEADS PD MIKE MILLER <CHIEF@sneadsfl.com>, STATE DEM JIM ROBERTS <JIM.ROBERTS@em.myflorida.com>, SUNLAND ADRIAN ABNER <adrian.abner@apdcares.org>, SUNLAND ALLEN WARD <allen.ward@apdcares.org>, TDC CHRISTY ANDREASEN <candrease@jacksoncountyfl.com>, TOWN OF ALFORD <clerk@alfordfl.com>, TOWN OF ALFORD MAYOR <alfordmayor@yahoo.com>, TOWN OF BASCOM CHRYSTAL BRYAN <townofbascom@centurylink.net>, TOWN OF CAMPBELLTON <tc32426@bellsouth.net>, TOWN OF GR JR MONEYHAM <townofgrandridge@embarqmail.com>, TOWN OF GRAND RIDGE AMANDA APPLEWHITE <GRANDRIDGETOWNCLERK@embarqmail.com>, TOWN OF GREENWOOD ALICIA CORDER <townhall@townofgreenwood.org>, TOWN OF GREENWOOD MAYOR PHYLLIS BOWMAN <mayorbowman@townofgreenwood.org>, TOWN OF MALONE <malonetownhall@embarqmail.com>, TOWN OF MALONE JOHN CROSS <johncross@centurylink.net>, TOWN OF SNEADS <sherrigriffin@sneadsfl.com>, TOWN OF SNEADS LYNDIA BELL <sneadsmgr@sneadsfl.com>, WALMART MELISSA OKERSON <meokers.s01375.us@walmart.com>

To all LMS Committee Members:

Attached you will find the Finalized goals for the Jackson County 5 year update of the LMS.

Previously an email was sent out with a request that all voting members respond. The list attached represents the goals that have been voted on by the voting members that responded to our request.

The County's consultant shall now move forward with the update based on using these Goals. Also note as we start requesting new projects for the LMS list, they must now meet one of the goals presented on this list.

More information to come....Thank you

Evan M. McAllister

Jackson County LMS Chair

Attachment:

Jackson County 2021 – 2025 LMS Goals

#11.Protect health, safety, and welfare of the communities citizens and visitors will not be threatened by disaster.

#12.Maintain the availability and functioning of the communities infrastructure will not be significantly disrupted by disaster.

#13.The continuity of essential local government operations will not be significantly disrupted by disaster.

#14.Maintain emergency response readiness.

#15.Minimize property damage to homes, institutions, places of employment in the community.

#16.Support effective hazard mitigation programming throughout the community with local government policies and regulations.

#17.Coordinate with other government agencies to enhance regional mitigation efforts.

#18.Promote community awareness of local hazards and techniques to minimize vulnerability to those hazards.

#19.Maintain the condition of the riverine environment systems, especially those that provide natural protection and have economic value.

Protect scenic, historical and recreational community resources

From: Renee Scurlock [<mailto:rscurlock@jacksoncountyfl.com>]

Sent: Wednesday, July 15, 2020 1:52 PM

To: ^EMA RENEE' SCURLOCK LOWE; ^EMA RODNEY ANDREASEN; ADMIN KARLYN TIDWELL; ADMIN KEN CAMPBELL; ADMIN PAM PICHARD; ADMIN WILANNE DANIELS; ARES BRIAN MCCLURE; Baptist College David Coggins; BUILDING DEPT ALLEN BIGGS; CAMPBELLTON VFD, DANNY TAYLOR; CHAMBER, TIFFANY GARLING; CHIPOLA COLLEGE STEVE YOUNG ; CHIPOLA COLLEGE, SARAH CLEMMONS; CITY OF COTTONDALE HAZMAT FLOYD SCOTT ; CITY OF COTTONDALE THERESA BRANNEN; CITY OF GRACEVILLE; CITY OF JACOB; CITY OF MARIANNA JOE RICHEY; CITY OF MARIANNA NIKKI MAYBERRY ; COMMUNITY DEV WENDY SCHLESINGER; COTTONDALE PD WILLIAM WATFORD; danielle@sneadsfl.com; ENGINEERING JEANNIE BEAN; FIRE RESCUE, CHARLIE BRUNNER; FORESTRY DAVID KENT; FORESTRY SHAE SHIVER; GRACEVILLE PD KAYLA SHEPPARD; HOUSING COORD HUNTER POTTS; JACKSON HOSPITAL JAMES PLATT ; JACKSON HOSPITAL KEVIN DANIEL ; JCCF JETER; LMS CHAIRPERSON EVAN MCALLISTER; MAIN STREET MEGHAN HOLLEY; MARIANNA PD CHIEF HAYES BAGGETT; PARKS RETT DANIELS; REA DEREK CHADWELL (DCHADWELL@WESTFLORIDA.COOP); REA, TERRY MULLEN; ROAD DEPT CARRIE WILLIAMS; ROAD DEPT SCOTTY TAYLOR; SCHOOL BD LARRY MOORE ; SCHOOL BD PETEY SIMS ; SCHOOL BD STUART WIGGINS; SHERIFF'S DEPT JEFF JOHNSON; SHERIFF'S DEPT KEVIN ARNOLD; SNEADS PD MIKE MILLER ; STATE DEM JIM ROBERTS ; SUNLAND ADRIAN ABNER; SUNLAND ALLEN WARD ; TDC CHRISTY ANDREASEN ; TOWN OF ALFORD ; TOWN OF ALFORD MAYOR; TOWN OF BASCOM CHRYSTAL BRYAN; TOWN OF CAMPBELLTON; TOWN OF GR JR MONEYHAM; TOWN OF GRAND RIDGE AMANDA APPLEWHITE ; TOWN OF GREENWOOD ALICIA CORDER; TOWN OF GREENWOOD MAYOR; TOWN OF MALONE; TOWN OF MALONE JOHN CROSS; TOWN OF SNEADS; 'TOWN OF SNEADS LYNDA BELL'; WALMART MELISSA OKERSON
Subject: LMS Worksheet and Instructions

To All LMS Committee Members:

Please see attached the updated LMS Project Worksheet and instructions on completing the worksheet.

Please note that for all new projects to be submitted that this document must be completed in whole with all required documentation requested. We should have plenty of time to start working on our new project list but must get these started. We are going to set an initial submission deadline of these project worksheets for August 20, 2020. All project worksheet packages need to be submitted by email and copied to myself, Renee Scurlock and Rodney Andreasen. That way we should be assured that one of us will receive the transmission. Please remember that the LMS committee voted previously to rescind the previous list as a whole as part of the 5-Year update. The only projects currently on the list are the project currently approved for HMGP funding. That list shall be sustained and active through this process and will be the first 28 project on our new list.

In choosing additional projects please remember that there are certain project not eligible for funding under the programs we deal with. Stand alone Studies, Design only, and funding for Policy and Planning Documents. Project must meet a defined criteria that meets resolving a hazard mitigation issue. It cannot be a maintenance project, one that the jurisdiction should have funded by local funds to begin with. Projects that can be relayed back to Hurricane Michael or other local disasters are perfect candidates. Projects that have historical data of

continuous damage are also good candidates as long as the local agency has the backup documentation.

We want to remind everyone how critical it is to always document any and all damage that occurs during the year. Pictures are great if you can get them too. All projects need to be able to meet a cost benefit. This means if you have a project that cost 1 million dollars, you need to be able to show historical loss of the same amount. There are many ways to show this cost benefit and we have different teams of folks that you all can call upon. The most important thing is if you haven't taken the time to documents and save your damages, there will be no way to prove you have a costs benefit need to justify the project you want.

We will plan to have a quick ZOOM meeting for everyone to call in and if you have any questions concerning the project worksheet or projects you need to consider, we can discuss at that time. The meeting will be to solely discuss the current progress of the 5-Year update and the projects. So wont take a lot of your time. We will send the notification out to everyone with a meeting link to join the meeting.

Thank you for your continued efforts.

Evan M. McAllister
Jackson County LMS Chair

Attachments: Instructions for completing the LMS Project Worksheet.pdf
2021 LMS Project Worksheet.pdf

From: Renee Scurlock <rscurlock@jacksoncountyfl.com>

Date: July 21, 2020 at 10:06:17 AM EDT

To: ^EMA RENEE' SCURLOCK LOWE <rscurlock@jacksoncountyfl.com>, ^EMA RODNEY ANDREASEN <randreassen@jacksoncountyfl.com>, ADMIN KARLYN TIDWELL <tidwellk@jacksoncountyfl.gov>, ADMIN KEN CAMPBELL <kcampbell@jacksoncountyfl.com>, ADMIN PAM PICHARD <ppichard@jacksoncountyfl.com>, ADMIN WILANNE DANIELS <danielsw@jacksoncountyfl.gov>, ARES BRIAN MCCLURE <BRIAN.MCCLURE@GMAIL.COM>, Baptist College David Coggins <jdcoggins@baptistcollege.edu>, BUILDING DEPT ALLEN BIGGS <abiggs@jacksoncountyfl.com>, "CAMPBELLTON VFD, DANNY TAYLOR" <de-taylor671@outlook.com>, "CHAMBER, TIFFANY GARLING" <tiffany@jacksoncounty.com>, CHIPOLA COLLEGE STEVE YOUNG <YOUNGS@CHIPOLA.EDU>, "CHIPOLA COLLEGE, SARAH CLEMMONS" <clemmonss@chipola.edu>, CITY OF COTTONDALE HAZMAT FLOYD SCOTT <floyd@cityofcottondale.net>, CITY OF COTTONDALE THERESA BRANNEN <theresa@cityofcottondale.net>, CITY OF GRACEVILLE <gracevilleclerk@wfeca.net>, CITY OF JACOB <jacobcity@wfeca.net>, CITY OF MARIANNA JOE RICHEY <jrichey@mariannafl.city>, CITY OF MARIANNA NIKKI MAYBERRY <nmayberry@mariannafl.city>, COMMUNITY DEV WENDY SCHLESINGER <wschlesinger@jacksoncountyfl.com>, COTTONDALE PD WILLIAM WATFORD

<watfordw@flcjin.net>, danielle@sneadsfl.com, ENGINEERING JEANNIE BEAN <jbean@jacksoncountyfl.com>, "FIRE RESCUE, CHARLIE BRUNNER" <cbrunner@jacksoncountyfl.com>, FORESTRY DAVID KENT <DAVID.KENT@fdacs.GOV>, FORESTRY SHAE SHIVER <Patrick.Shiver@fdacs.gov>, GRACEVILLE PD DAVID PARK <parkde@flcjin.net>, HOUSING COORD HUNTER POTTS <pottsh@jacksoncountyfl.gov>, JACKSON HOSPITAL JAMES PLATT <JPLATT@JACKHOSP.ORG>, JACKSON HOSPITAL KEVIN DANIEL <KDANIEL@JACKHOSP.ORG>, JCCF JETER <jccfjeter@jacksoncountyfl.com>, LMS CHAIRPERSON EVAN MCALLISTER <jclmschair@gmail.com>, MAIN STREET MEGHAN HOLLEY <mainstreet@mariannafl.city>, MARIANNA PD CHIEF HAYES BAGGETT <baggetth@flcjin.net>, PARKS RETT DANIELS <rdaniels@jacksoncountyfl.com>, REA DEREK CHADWELL <DCHADWELL@WESTFLORIDA.COOP>, "REA, TERRY MULLEN" <tmullen@westflorida.coop>, ROAD DEPT CARRIE WILLIAMS <cwilliams@jacksoncountyfl.com>, ROAD DEPT SCOTTY TAYLOR <staylor@jacksoncountyfl.com>, SCHOOL BD LARRY MOORE <LARRY.MOORE@JCSB.ORG>, SCHOOL BD PETEY SIMS <petey.sims@jcsb.org>, SCHOOL BD STUART WIGGINS <Stuart.Wiggins@jcsb.org>, SHERIFF'S DEPT JEFF JOHNSON <johnsonjl@flcjin.net>, SHERIFF'S DEPT KEVIN ARNOLD <arnoldkr@flcjin.net>, SNEADS PD MIKE MILLER <CHIEF@SNEADSFL.COM>, STATE DEM JIM ROBERTS <JIM.ROBERTS@EM.MYFLORIDA.COM>, SUNLAND ADRIAN ABNER <adrian.abner@apdcares.org>, SUNLAND ALLEN WARD <allen.ward@apdcares.org>, TDC CHRISTY ANDREASEN <candreassen@jacksoncountyfl.com>, TOWN OF ALFORD <clerk@alfordfl.com>, TOWN OF ALFORD MAYOR <alfordmayor@yahoo.com>, TOWN OF BASCOM CHRYSTAL BRYAN <townofbascom@centurylink.net>, TOWN OF CAMPBELLTON <tc32426@bellsouth.net>, TOWN OF GR JR MONEYHAM <townofgrandridge@embarqmail.com>, TOWN OF GRAND RIDGE AMANDA APPLEWHITE <GRANDRIDGETOWNCLERK@EMBARQMAIL.COM>, TOWN OF GREENWOOD ALICIA CORDER <townhall@townofgreenwood.org>, TOWN OF GREENWOOD MAYOR <mayor@townofgreenwood.org>, TOWN OF MALONE <malonetownhall@embarqmail.com>, TOWN OF MALONE JOHN CROSS <johnncross@centurylink.net>, TOWN OF SNEADS <sherrigriffin@sneadsfl.com>, TOWN OF SNEADS LYNDIA BELL <sneadsmgr@sneadsfl.com>, WALMART MELISSA OKERSON <meokers.s01375.us@wal-mart.com>
Cc: GP STRATEGIES PAT WHITE <pmwhite404@gmail.com>, GP Strategies Shanti Copeland <sscopeland@excelusa.com>
Subject: LMS Worksheet

Please review the attached worksheet for discussion at the LMS meeting tomorrow.

Thank You,

*Renee' Scurlock-Lowe, FP&EM
EM Coordinator
Jackson County Emergency Management
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Marianna, Florida 32446
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Two Attachments:

2021 LMS PROJECT WORKSHEET.pdf

Instructions for completing the LMS Project Worksheet.pdf

Renee Scurlock

From: Renee Scurlock <rscurlock@jacksoncountyfl.com>
Sent: Tuesday, July 21, 2020 8:32 AM
To: ^EMA RENEE' SCURLOCK LOWE; ^ EMA RODNEY ANDREASEN; ADMIN KARLYN TIDWELL; ADMIN KEN CAMPBELL; ADMIN PAM PICHARD; ADMIN WILANNE DANIELS; ARES BRIAN MCCLURE; Baptist College David Coggins; BUILDING DEPT ALLEN BIGGS; CAMPBELLTON VFD, DANNY TAYLOR; CHAMBER, TIFFANY GARLING; CHIPOLA COLLEGE STEVE YOUNG ; CHIPOLA COLLEGE, SARAH CLEMMONS; CITY OF COTTONDALE HAZMAT FLOYD SCOTT ; CITY OF COTTONDALE THERESA BRANNEN; CITY OF GRACEVILLE; CITY OF JACOB; CITY OF MARIANNA JOE RICHEY; CITY OF MARIANNA NIKKI MAYBERRY ; COMMUNITY DEV WENDY SCHLESINGER; COTTONDALE PD WILLIAM WATFORD; danielle@sneadsfl.com; ENGINEERING JEANNIE BEAN; FIRE RESCUE, CHARLIE BRUNNER; FORESTRY DAVID KENT; FORESTRY SHAE SHIVER; GRACEVILLE PD DAVID PARK; HOUSING COORD HUNTER POTTS; JACKSON HOSPITAL JAMES PLATT ; JACKSON HOSPITAL KEVIN DANIEL ; JCCF JETER; LMS CHAIRPERSON EVAN MCALLISTER; MAIN STREET MEGHAN HOLLEY; MARIANNA PD CHIEF HAYES BAGGETT; PARKS RETT DANIELS; REA DEREK CHADWELL; REA, TERRY MULLEN; ROAD DEPT CARRIE WILLIAMS; ROAD DEPT SCOTTY TAYLOR; SCHOOL BD LARRY MOORE ; SCHOOL BD PETEY SIMS ; SCHOOL BD STUART WIGGINS; SHERIFF'S DEPT JEFF JOHNSON; SHERIFF'S DEPT KEVIN ARNOLD; SNEADS PD MIKE MILLER ; STATE DEM JIM ROBERTS ; SUNLAND ADRIAN ABNER; SUNLAND ALLEN WARD ; TDC CHRISTY ANDREASEN ; TOWN OF ALFORD ; TOWN OF ALFORD MAYOR; TOWN OF BASCOM CHRYSTAL BRYAN; TOWN OF CAMPBELLTON; ~~TOWN OF GR JR MONEYHAM; TOWN OF GRAND RIDGE AMANDA APPLEWHITE ;~~

TOWN OF GREENWOOD ALICIA CORDER; TOWN OF GREENWOOD MAYOR; TOWN OF MALONE; TOWN OF MALONE JOHN CROSS; TOWN OF SNEADS; 'TOWN OF SNEADS LYNDA BELL'; WALMART MELISSA OKERSON
Cc: GP Strategies Shanti Copeland; GP STRATEGIES PAT WHITE
Subject: LMS Meeting Reminder

This is a reminder of tomorrow's LMS ZOOM meeting.

JACKSON COUNTY EMERGENCY MGMT is inviting you to a scheduled Zoom meeting.

LMS Agenda will be to discuss current update of where we are on the LM5 5-Year update and to take any questions about the project worksheet and how to complete it

Join Zoom Meeting

<https://us02web.zoom.us/j/83514664826?pwd=bFpcibTdzNiVCOUtEbmFMK3BRSUtGUTO9>

Meeting ID: 835 1466 4826

Password: 648992

*Renee' Scurlock-Lowe, TVE511
E914 Coordinator*

*Jackson County Emergency Management
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Marianna, Florida 32446
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**LMS Meeting
VIA ZOOM
JULY 22 2020 9:00 am**

Voting Members Present:

Theresa Brannen City of Cottondale
Jeff Johnson – SO E911 & Communications Systems
Sarah Clemmons – Chipola College

Non-Voting Members Present:

Evan McAllister Melvin Engineering – Chair
Rodney Andreasen Jackson County EMA – Vice Chair
Renee' Lowe Jackson County EMA – Secretary
Carrie Williams – Road Department
Brian McClure – HAM Club
Scotty Taylor – Road Department
Wendy Schlesinger – Community Development

Guests: Shanti Copeland, Patricia White & Jake Halley

Meeting began at 9:10 am

Mr. McAllister apologized for the delay in beginning the meeting, due to technical difficulty with his computer connection.

A quorum was not met, but due to the Co-VID19 pandemic it was allowed for this meeting. However, there is no cause to vote today.

Mr. McAllister asked Ms. Copeland for an update of where we are in the LMS re-write project. Ms. Copeland advised that progress is being made and that the Entities should be expecting a phone call from Ms. White of GP Strategies, as she will be collecting information from them for the rewrite. NOTE: Her area code is (386) in case someone feels it is a robo-call.

Mr. McAllister advised that our goal is to have the re-write finished by November, 2020 for the LMS Committee review and still have time for it to go before the Board of County Commissioners for approval and a Resolution prior to the February Deadline to the State.

Mr. McAllister stated that when the entities receive a phone call from GP Strategies to please cooperate and respond in a timely manner.

Mr. McAllister discussed the Project Worksheet and Instruction Sheet that has been e-mailed to members a couple of times.

Mr. McAllister mentioned that the new Project Worksheets need to be completed for projects that the entities feel they wish to have in the new plan. The old project list no longer exists. However, the new projects that were voted on by the Committee in April have already been included.

The new form must be filled out **completely** (no unanswered questions). It is in a PDF fillable format (text box or drop down list) and there is an instruction sheet explaining the questions. Should anyone need further assistance, Mr. McAllister is willing to assist. Keep in mind that projects dealing with (hardening, hazard mitigation, corrective issues from past damages) are the projects to most likely be approved. Don't forget to DOCUMENT all damages from any storm – to be able to show repetitive damage will be very helpful in the approval process.

Mr. Johnson wanted to clarify that the previous list that does not exist has nothing to do with the projects that were voted on back in April. Mr. McAllister stated that the 28 or so projects that were voted on in April are currently the ONLY projects on the new list.

Mr. McAllister said that the new LMS Plan will show the projects in two styles (1 by Entity and 1 by priority number).

Mr. McAllister advised that if two entities wish to work on a project together, a Memorandum of Understanding (MOU) or Interlocal Agreement between the two entities will be required. One of the entities will need to accept the "lead role" (which is the entity that the State will recognize as the responsible agency).

New projects need to be submitted as soon as possible. We are now in hurricane season, however, damages come from thunderstorms, winds, heavy rains, etc. DOCUMENT, DOCUMENT DOCUMENT.

Next meeting is scheduled for Monday, August 10, 2020 via ZOOM.

Meeting adjourned 9:50 am.

Minutes taken by Renee' Scurlock-Lowe

**LMS EXECUTIVE BOARD MTG
VIA ZOOM
August 11, 2020 9:00 am**

Present: Evan McAllister, Rodney Andreasen, Renee' Lowe
GP Strategies: Pat White, Jake Halley & Shanti Copeland

Meeting began at 9:07 am

GP Strategies advises that the LMS Plan will be ready by August 17, 2020. However, they need a list of the new projects to be incorporated into the Plan. Also, they advised that the old projects cannot just be deleted, they must be on a spreadsheet noting why they are being deleted.

Mr. McAllister advised that he had spoken with Laura Waterman at the State and she did advise the old projects need to be on a spreadsheet with the reason for deletion. She also said that as long as one entity adopts the LMS by Resolution then it will meet the requirements of the Plan Update. Other entities can be added later (with a Resolution adopting the LMS).

Mr. McAllister asked GP Strategies to add the 28 HMGP projects that were voted on by the LMS Committee as the initial "new" projects. We will add others as time goes on.

GP Strategies stated that they believe in order to be an active member of the LMS Committee each entity needs to have a project on the new list.

There was in-depth discussion of the steps that are taken to get participation. However, some entities still do not participate.

It was suggested that Mr. McAllister and Mr. Andreasen split the list of entities/members (primarily Municipalities) and make one-on-one contact with them.

GP Strategies will draft a letter and forward it to the LMS Executive Board for review and distribution to the committee members in an effort to once again encourage them to submit new projects.

The next Committee meeting is set for Wednesday, August 26, 2020 at 11:00 am via ZOOM

Minutes taken by Renee' Scurlock-Lowe

From: Joey Stackowicz <stackowiczj@jacksoncountyfl.gov>
Sent: Friday, August 14, 2020 9:44 AM
To: Renee Scurlock <rscurlock@jacksoncountyfl.com>; Fred Andreassen <andreasenf@jacksoncountyfl.gov>; Hunter Potts <pottsh@jacksoncountyfl.gov>
Cc: ^EMA RODNEY ANDREASEN <randreasen@jacksoncountyfl.com>; LMS CHAIRPERSON EVAN MCALLISTER <jlmschair@gmail.com>; Patricia White <PWhite@excelusa.com>; Shanti Smith-Copeland <sscopeland@excelusa.com>
Subject: RE: LMS Meeting Notice

Posted.



Joey Stackowicz

Manager – Information Technology
Jackson County Board of County Commissioners
2864 Madison Street
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T: (850) 482-9633 Ext: 251 | E: stackowiczj@jacksoncountyfl.gov

From: Renee Scurlock <rscurlock@jacksoncountyfl.com>
Sent: Friday, August 14, 2020 8:17 AM
To: Fred Andreassen <andreasenf@jacksoncountyfl.gov>; Joey Stackowicz <stackowiczj@jacksoncountyfl.gov>; Hunter Potts <pottsh@jacksoncountyfl.gov>
Cc: ^EMA RODNEY ANDREASEN <randreasen@jacksoncountyfl.com>; LMS CHAIRPERSON EVAN MCALLISTER <jlmschair@gmail.com>; GP STRATEGIES, PAT WHITE <PWhite@excelusa.com>; GP Strategies Shanti Copeland <sscopeland@excelusa.com>
Subject: LMS Meeting Notice

Gentlemen,

Will you please add to the County Website a scheduled ZOOM meeting for discussion of the Local Mitigation Strategy (LMS) Update.

<https://us02web.zoom.us/j/82718264655?pwd=cDhsVGdMUWlxNXcxTWfwbXRJSC91UT09>

Dial +1 312 626 6799 US (Chicago)
Meeting ID: 827 1826 4655
Passcode: 122309

Thank you so much.

*Renee' Scurlock-Lowe, FPEM
EM Coordinator
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From: Renee Scurlock <rscurlock@jacksoncountyfl.com>
Sent: Tuesday, August 18, 2020 10:55 AM
To: ^EMA RENEE' SCURLOCK LOWE <rscurlock@jacksoncountyfl.com>; ^EMA RODNEY ANDREASEN <randrease@jacksoncountyfl.com>; ADMIN KARLYN TIDWELL <tidwellk@jacksoncountyfl.gov>; ADMIN PIO HUNTER POTTS <pottsh@jacksoncountyfl.gov>; ADMIN WILANNE DANIELS <danielsw@jacksoncountyfl.gov>; ARES BRIAN MCCLURE <BRIAN.MCCLURE@GMAIL.COM>; Baptist College David Coggins <jdcoggins@baptistcollege.edu>; CAMPBELLTON VFD, DANNY TAYLOR <detaylor671@outlook.com>; CHAMBER, TIFFANY GARLING <tiffany@jacksoncounty.com>; CHIPOLA COLLEGE STEVE YOUNG <YOUNGS@CHIPOLA.EDU>; CHIPOLA COLLEGE, SARAH CLEMMONS <clemmonss@chipola.edu>; CITY OF COTTONDALE HAZMAT FLOYD SCOTT <floyd@cityofcottondale.net>; CITY OF COTTONDALE THERESA BRANNEN <theresa@cityofcottondale.net>; CITY OF GRACEVILLE <gracevilleclerk@wfeca.net>; CITY OF JACOB <jacobcity@wfeca.net>; CITY OF MARIANNA JOE RICHEY <jrichey@mariannafl.city>; CITY OF MARIANNA NIKKI MAYBERRY <nmayberry@mariannafl.city>; COMMUNITY DEV WENDY SCHLESINGER <schlesingerw@jacksoncountyfl.gov>; COTTONDALE PD WILLIAM WATFORD <watfordw@flcn.net>; FIRE RESCUE, CHARLIE BRUNNER <cbrunner@jacksoncountyfl.com>; FORESTRY DAVID KENT <DAVID.KENT@fdacs.GOV>; FORESTRY SHAE SHIVER <Patrick.Shiver@fdacs.gov>; GRACEVILLE PD DAVID PARK <parkde@flcn.net>; JACKSON HOSPITAL JAMES PLATT <JPLATT@JACKHOSP.ORG>; JACKSON HOSPITAL KEVIN DANIEL <KDANIEL@JACKHOSP.ORG>; JCCF JETER <jccfieter@jacksoncountyfl.com>; LMS CHAIRPERSON EVAN MCALLISTER <jclmschair@gmail.com>; MAIN STREET MEGHAN HOLLEY <mainstreet@mariannafl.city>; MARIANNA FIRE, MICHAEL HALL <MHALL@MARIANNAFL.CITY>; MARIANNA PD CHIEF HAYES BAGGETT <baggetth@flcn.net>; PARKS RETT DANIELS <rdaniels@jacksoncountyfl.com>; REA DEREK CHADWELL <DCHADWELL@WESTFLORIDA.COOP>; REA, TERRY MULLEN <tmullen@westflorida.coop>; ROAD DEPT CARRIE WILLIAMS <cwilliams@jacksoncountyfl.com>; ROAD DEPT SCOTTY TAYLOR <staylor@jacksoncountyfl.com>; SCHOOL BD LARRY MOORE <LARRY.MOORE@JCSB.ORG>; SCHOOL BD PETEY SIMS <petey.sims@jcsb.org>; SHERIFF'S DEPT JEFF JOHNSON <johnsonjl@flcn.net>; SHERIFF'S DEPT KEVIN ARNOLD <arnoldkr@flcn.net>; SNEADS PD MIKE MILLER <CHIEF@SNEADSFL.COM>; STATE DEM JIM ROBERTS <JIM.ROBERTS@EM.MYFLORIDA.COM>; SUNLAND ADRIAN ABNER <adrian.abner@apdcares.org>; SUNLAND ALLEN WARD <allen.ward@apdcares.org>; TDC CHRISTY ANDREASEN <candrease@jacksoncountyfl.com>; TOWN OF ALFORD <clerk@alfordfl.com>; TOWN OF ALFORD MAYOR <alfordmayor@yahoo.com>; TOWN OF BASCOM ANN BRYAN <townofbascom@centurylink.net>; TOWN OF CAMPBELLTON <tc32426@bellsouth.net>; TOWN OF GR JR MONEYHAM <townofgrandridge@embarqmail.com>; TOWN OF GRAND RIDGE AMANDA APPLEWHITE <GRANDRIDGETOWNCLERK@EMBARQMAIL.COM>; TOWN OF GREENWOOD ALICIA CORDER <townhall@townofgreenwood.org>; TOWN OF GREENWOOD MAYOR <mayor@townofgreenwood.org>; TOWN OF MALONE <malonetownhall@embarqmail.com>; TOWN OF MALONE JOHN CROSS <johncross@centurylink.net>; TOWN OF SNEADS <sherrigriffin@sneadsfl.com>; TOWN OF SNEADS DANIELLE GUY <danielle@sneadsfl.com>; WALMART MELISSA OKERSON <meokers.s01375.us@wal-mart.com>
Cc: Patricia White <PWhite@excelusa.com>; Shanti Smith-Copeland <sscopeland@excelusa.com>
Subject: REMINDER: URGENT LMS PROJECTS DEADLINE
Importance: High

Good morning,

This is a reminder of THURSDAY'S DEADLINE for new project submissions.

Thank You,

Renee'

Good Morning,

As you know, we are in the process of updating the Jackson County Local Mitigation Strategy (LMS) Plan per the State's requirements. Each jurisdiction/entity needs to have a project on the LMS list to be considered an active member of the LMS Committee and to be eligible for many different State and Federal grants, such as the Hazard Mitigation Grants we recently applied for due to Hurricane Michael, or bonus points on other such applications.

The 28 HMGP projects we voted on earlier this year are the only ones currently on the new list to be included in the LMS update. We have asked the committee to submit new projects, but have not received any as of today's date.

If you do not feel you have an eligible project specific to your jurisdiction/entity, reach out to your neighbors for regional projects or consider County-wide projects. We do not want our members/entities to lose out on future funding opportunities.

The deadline for the submission of projects is August 20th.

For your convenience, the new project worksheet and instruction sheet are attached again. The information required is minimal and the drop boxes are provided to assist you in completing the form quickly. If you have projects that you are not sure of, please reach out and we would be happy to assist you in shaping local, regional or county-wide projects to best benefit your jurisdiction/entity.

Please let us know if you are in the process of developing a new project or if you plan to not submit a new project for the 2021 list by/on August 20th.

Thank You,

Rodney Andreasen, Director
Emergency Management
LMS Vice-Chair
850-718-0007

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Instructions for completing the LMS Project Worksheet

All boxes must be completed for the form to be submitted for consideration of the LMS Committee please.

1. Date of Submission: This is the date submitted to the LMS Chair/Vice Chair
2. Project Type: Is the Project Construction, Equipment, Planning or Design. Please note only projects that are complete through construction completion are acceptable in this program.
3. Project Description: Complete a detailed narrative describing the project. This should include the location and limits of the project. An attachment page can be included if the detail is too long.
4. Submitting Jurisdiction Name: Name of agency submitting the project. Note that if this agency is not the lead agency in the project, that a letter of commitment between the agencies must also be submitted.
5. Name of Lead agency responsible for application and management of the project
6. Phone and email contact for Lead Agency representative responsible for project
7. Secondary phone and email contact for Lead Agency representative responsible for project
8. Hazard to be Mitigated: List the Main hazard to be mitigated by the project.
9. Choose Mitigation Goal from the drop-down box
10. List estimated cost of the project
11. Preliminary Cost Benefit Review: List if a preliminary Benefit Cost Analysis has been completed on the project. Project that have completed a preliminary BCA may rank higher than those with no review.
12. Potential Funding Source: List potential sources of funds that the jurisdiction may use to fund the project.
13. Timeframe for Completion: List a timeframe the jurisdiction would like to see the project completed. (ie. 2021-2023)
14. Letter of Commitment to Project: When submitting the project worksheet it must be accompanied with a letter of commitment signed by the CEO or Designated Signature Authority of the Lead Agency responsible for the project, or by Resolution of the Lead Agency supporting the project. The commitment must include a statement that the Lead Agency responsible for the project agrees to cover all financial match requirements on the projects.

Project Information Submission package should include:

- a. LMS Proposed Project Worksheet
- b. Detailed Costs Estimate and Backup documentation on costs
- c. Executed Letter of Support or Resolution
- d. Any other documentation including Interlocal or Joint Project Agreement

From: Renee Scurlock <scurlockr@jacksoncountyfl.gov>
Sent: Monday, August 24, 2020 2:31 PM
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Subject: ZOOM REMINDER AND DRAFT LMS PLAN

Good afternoon everyone,

Please remember our LMS ZOOM call on Wednesday at 11:00 am.

Here is the log-in information:
 Join Zoom Meeting

<https://us02web.zoom.us/j/82718264655?pwd=cDhsVGdMUWlxNXcxTWfwbXRJSC91UT09>

Dial +1 312 626 6799 US (Chicago)
Meeting ID: 827 1826 4655
Passcode: 122309

Also, you will find attached the first DRAFT of the LMS Plan. Please review and present your questions/comments by August 31, 2020 to me.

NOTE: The format has not been completed – just review the content.

Thank You,

Renee' Scurlock-Lowe, FP&EM
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**LMS Meeting
VIA ZOOM
AUGUST 26 2020 11:00 am**

Voting Members Present:

City of Cottondale - Theresa Brannen & Floyd Scott
Town of Sneads - Lee Garner
Jackson County - Karlyn Tidwell
Sunland - Adrian Abner

Voting Members Not Present:

Chamber of Commerce	Town of Alford	Town of Greenwood
City of Jacob	Division of Forestry	Chipola College
City of Marianna	City of Graceville	Jackson Hospital
Town of Malone	Town of Bascom	Sheriff's Office
Town of Campbellton	Town of Grand Ridge	West Florida Electric

Non-Voting Members Present:

Evan McAllister Melvin Engineering – Chair
Rodney Andreasen Jackson County EMA – Vice Chair
Renee' Lowe Jackson County EMA – Secretary
Christy Andreasen - TDC

Guests: Shanti Copeland & Patricia White

Meeting began at 11:00 am

Mr. McAllister welcomed everyone.

A quorum was not met, but due to the Co-VID19 pandemic it was allowed for this meeting. However, there is no cause to vote today.

Mr. McAllister advised that the first draft of the LMS Plan re-write has been sent out and requests that any comments be submitted to Renee' Scurlock-Lowe prior to August 31, 2020.

Mr. McAllister also urged those agencies that have not submitted a project for the LMS to please do so immediately. If there are any questions or problems, please reach out to Mr. McAllister or Mr. Andreasen.

Mr. McAllister opened the floor for any comments/discussion regarding the Draft Plan. There were not comments at this time.

Ms. Copeland stated there are only 28 projects on the list currently and the municipalities/agencies need to make sure they have a project on the list in order to remain on the LMS Committee. They also will need to have their projects on the LMS "approved" project list to be eligible for ANY future funding that comes down. She suggested, once again, that if there are no individual projects that can be submitted, maybe there are county-wide projects that can be submitted to cover several municipalities/agencies.

Mr. Andreasen advised that this process was used in the past for the Weather Transmitter in Sneads. It was a County-wide and Regional project.

Mr. McAllister advised that FEMA and DEM are asking for agencies to use "forward thinking" in submitting mitigation projects.

Mr. McAllister advised that he and Mr. Andreasen will be making one-on-one phone calls to the municipalities/agencies to discuss the project submission process further. He stated that there is nothing else that can be done by the LMS directors without participation from the municipalities/agencies. It would not be good to have back-lash from County or City Commissioners whenever funding is available (FMA, HMGP or PDM grants, etc), but they find out that a municipality/agency in their jurisdiction is not eligible because they have failed to participate in the LMS process.

Ms. Copeland advised that any comments on the first draft of the LMS Plan update must be sent to Renee' Scurlock-Lowe by August 31, 2020. The second draft will be available on September 14, 2020 with a final comments due on September 28, 2020. The completed update will be done by mid-October and ready for submission to the State.

Mr. McAllister stated that the final Updated Plan will be sent to the County/Municipalities/Agencies so that the adoption process by Resolution can begin. The County will probably be the first to sign their Resolution and that will be submitted to the State before the required deadline. It is requested that all signed Resolutions be sent to Renee' Scurlock-Lowe so that they may be sent to the State for inclusion.

Mr. McAllister stated that most of the Hurricane Michael HMGP projects submitted are under review and very few have been rejected, which is promising news.

The required 25% match may be absorbed by the State and not fall on the entity. The Department of Economic Opportunity and the Division of Emergency Management are working together to make this possible through some funds from the Disaster Recovery Initiative. A one-two page application would be required showing that 51% of the LMI is met. More on that should be available within 90 days.

Ms. Copeland again stressed how important it is for agencies to submit LMS projects and to participate actively in the LMS Committee. She stated that there are HUD dollars that will be coming down for projects such as Buy-Outs, Infrastructure, Drainage Projects, Wind Retrofitting, etc. However, entities wishing to apply for those funds, must be active members of the LMS Committee and have their projects on the approved project list.

Mr. Lee Garner, the new Town of Sneads Administrator, requested a phone call to discuss projects that they have. Mr. McAllister will make contact with him.

Ms. Scurlock-Lowe asked "on behalf of Sunland" if projects submitted from Sunland must go through the City of Marianna. Mr. McAllister advised that it would depend on what projects they wish to submit and who has jurisdiction over it.

Mr. McAllister brought up for discussion the fact that the new Marianna K-8 school is now open on Caverns Road and the fact that the Marianna High School is also on that road. This could be an issue that DOT would need to consider making into four-lanes due to the increased traffic. Also, Marianna High School is the only risk shelter for the County. Over the next five years this needs to be discussed between all partners involved to see if there are any issues that might could become a mitigation project.

Meeting adjourned.

Minutes taken by Renee' Scurlock-Lowe