



DIVISION OF EMERGENCY MANAGEMENT

*St. Johns County, Florida
Home of the Nation's Oldest City*

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St. Johns County Floodplain Management Plan Annual Progress Report August 2016

Community Rating System (CRS) Activity 510 Floodplain Management

The purpose of this document is to provide an annual progress report of activities associated with St. Johns County Local Mitigation Strategy. This document incorporates information that may benefit public officials, businesses, and the residents of St. Johns County.

The St. Johns County Local Mitigation Strategy (LMS) serves as the County's Floodplain Management Plan for the Community Rating System (CRS) of the National Flood Insurance Program (NFIP). Under CRS Activity 510, the County is required to complete a Floodplain Management Plan annual progress report. This document serves as that report.

Annual Progress Report

This document was prepared by the St. Johns County Local Mitigation Strategy Chairperson, Kelly Wilson, and subsequently reviewed by the County Floodplain Manager Jim Schock (CFM) and the St. Johns County LMS Taskforce for accuracy and completeness. The referenced staff routinely conducts meetings to ensure that CRS 510 program activities are managed and completed throughout the year.

This report will be presented to the St. Johns County Board of County Commissioners on September 20, 2016 as a consent agenda item. This progress report is for informational purposes only and does not require action by the St. Johns County Board of County Commissioners.

The Annual Progress Report will be made available on the St. Johns County Emergency Management website www.sjcemergencymanagement.com and released by the St. Johns County Communications Division as a media release.

Adoption of the LMS / Updates

The St. Johns County Local Mitigation Strategy was adopted by *Resolution No. 2015-90* by the Board of County Commission on April 21, 2015. The LMS is required to be

updated every five years and will not be due for an update until May 2020, but is updated as changes become necessary due to projects being completed and additional projects added.

Purpose and Objectives of the LMS

The primary objective of the Local Mitigation Strategy (LMS) is to remove if possible and otherwise to limit, the losses of life and property due to a disaster. The LMS was approved by State of Florida and the Federal Emergency Management Agency (FEMA) and then adopted by each local jurisdiction. The most current LMS received its five year approval from the State of Florida and FEMA in May 2015.

Since the initial creation of the first Local Mitigation Strategy, St. Johns County has worked continuously to maintain and update the LMS as needed and to add new mitigation initiatives as new projects are initiated. The St. Johns County LMS Task Force meets three times a year to review the LMS. These meetings are announced in the St. Augustine Record 10 days prior to the meeting date and all interested individuals are invited to attend. The St. Johns County Local Mitigation Strategy is available online at www.sjcemergencymanagement.org .

The primary hazard mitigation goals, objectives, and guiding principles of the LMS are to:

1. Protect the lives of the residents of St. Johns County and its Municipalities.
2. Protect property to ensure that its intrinsic value is preserved.
3. Protect infrastructure so that it is available during and after a disaster.
4. Protect business activities so that they continue to provide economic strength to the community.
5. Protect the environment to ensure that quality of life and economic wellbeing are preserved.

St. Johns County Local Mitigation Strategy Task Force

In 1998 an LMS Task Force was organized from a broad cross-section of the County including elected officials, County Staff, representatives from the cities of St. Augustine, Hastings, St. Augustine Beach, Flagler Estates Road and Water District, local businesses and residents. The LMS Task Force, now led by the St. Johns County Division of Emergency Management, has been responsible for developing all work products for the Local Mitigation Strategy including the development of a set of guiding principles, identification of potential hazards affecting the community; identification of people and infrastructure which are vulnerable to hazards; identification of critical facilities which are necessary for maintaining health, safety and welfare of residents before, during, and after a disaster; and the development of a prioritized list of pre and post hazard mitigation initiatives (projects) eligible for funding.

The Task Force will continue to regularly review and revise its List of Mitigation Initiatives that are eligible for federal and state funding, i.e. Hazard Mitigation Grant Program (HMGP), Flood Mitigation Assistance (FMA) Program, Pre-Disaster Mitigation (PDM) Program, etc.

Mitigation Initiatives / Project List

The LMS Task Force has established a list of Mitigation Initiatives, also known as the Project List. The list contains projects that mitigate each of the potential hazards, including the flood hazard, of St. Johns County and are eligible for HMGP, FMA, PDM and other federal, state and local funding.

New projects are recommended by Task Force Members at the quarterly meetings. The members then vote on the project, and, if accepted, the project is then rated according to a Guiding Principles rating system developed by the Task Force. The rating system ranks items using criteria such as: availability of funds, viability of project, good of the community, and increased safety for citizens

Unfortunately some project deadlines and objectives are not met due to, in large part, a lack of funding availability. St. Johns County mitigation needs and objectives may evolve with changing priorities and funding; and as a result, ranked projects are occasionally removed or lowered in priority status.

Attached you will find a current list of all ranked mitigation initiatives for St. Johns County. The Project List also includes the responsible jurisdiction for the project, the status of the project, what hazard the project mitigates along with other informational items. All projects on the list have a status listed as of August 2016.

Summary

This 2016 Floodplain Management Plan Annual Report continues to support the requirements described in the Community Rating System, Activity 510 Floodplain Management requirement. The County effectively and efficiently continues to meet and exceeds CRS requirements. CRS Activities were performed successfully by the County due to the familiarity, professional experience and knowledge of all involved staff. The continued support by the County Commission and Administration also plays a critical role in the success of the program.

St. Johns County is proud to have achieved a Class 5 certification under the Community Rating System. Activities are undertaken by various County departments on an ongoing basis to retain the CRS certification, which results in substantial discounts to flood insurance premiums for the residents of St. Johns County.

Kelly V. Wilson
St. Johns County Emergency Management
LMS Coordinator

St. Johns County Local Mitigation Strategy Ranked Project List

Project Rank	Project	Project Status	New or Existing Structure/ Infrastructure	Jurisdiction*	Responsible for Project Implementation**	Hazard****	Project Time-Frame	Potential Funding Source
Beach Nourishment								
1	St. Augustine Beach (State Park to F St.)	On-going	Existing	City of St. Augustine Beach	COSAB and SJC	H, SS	6 months	HMGP, Local
2	Restoration of Emergency Berms in Summer Haven	On-going	Existing	St. Johns County	Summer Have Homeowner Ass.	H, SS	6 months	HMGP, Local
3	Summer Haven	On-going	Existing	St. Johns County	St. Johns County Public Works	H, SS	6 months	HMGP, Local
4	Marineland - Area from north end of revetment to northern Town limits (Underground sand barrier)	On-going	Existing	St. Johns County	St. Johns County Public Works	H, SS	6 months	HMGP, Local
4	Surfside Area	On-going	Existing	St. Johns County	St. Johns County Public Works	H, SS	6 months	HMGP, Local
4	Walk-over @ Mariners Watch	On-going	Existing	St. Johns County	St. Johns County Public Works	H, SS	6 months	HMGP, Local
Education and Training								
1	Educate Prospective Home Buyers & Real Estate Professionals About Floodplains & Base Floor Elevations	On-going	New and Existing	ALL	SJC Emergency Management	SS, F	on-going	Local
1	Educate Residents of Financial/Insurance Benefits of Preparing their Homes for Natural Disasters	On-going	New and Existing	ALL	SJC Emergency Management	ALL	on-going	Local
2	NIMS Compliance and Training	On-going	N/A	ALL	SJC Emergency Management	ALL	on-going	Local
3	GIS Enhancements for Mitigation Activities Countywide	On-going	New and Existing	ALL	SJC Geographic Information Systems	ALL	on-going	Local
Enhance Emergency Communications								
Expand/Enhance/Improve Utilities								
1	Rehabilitation of existing sewer system in the Abbott Tract	Completed	Existing	City of St. Augustine	COSA Public Works	SS, F	3-4 years	Local, CDBG
2	Expansion of City of St. Augustine Water Treatment Facility	Not Started	Existing	City of St. Augustine	COSA Public Works	H, SS, F, D	2 years	Local
3	Rehabilitation of existing sewer system in the Town of Hastings	On-Going	Existing	Town of Hastings	Town of Hastings	F, D	3-4 years	Local, HMGP
4	Rehabilitation of existing sewer system in Oyster Creek	Not Started	Existing	City of St. Augustine	COSA Public Works	SS, F	3-4 years	Local, CDBG
5	Potable Water System Improvements in the Town of Hastings	On-Going	Existing	Town of Hastings	Town of Hastings	H, SS, F, D	1-2 years	CDBG
6	Upgrade faulty septic systems	On-going	New and Existing	St. Johns County & COSA	COSA Public Works	SS, F	on-going	Local, CDBG
/	Electrical Utilities Underground - South Anastasia Island	Not started	New	St. Johns County	Florida Power and Light	H, HW,T,W, FR	1-2 years	Private
/	Electrical Utilities Underground - Ponte Vedra Beach	Not started	New and Existing	St. Johns County	Beaches Energy	H, HW,T,W, FR	1-2 years	Private
/	Electrical Utilities Underground - St. Augustine Beach, along A1A	Not Started	New and Existing	City of St. Augustine Beach	Florida Power and Light	H, HW,T,W, FR	1-2 years	Private
Flood/Repetitive Loss Mitigation								
1	Flood Mitigation on King St.	Started	Existing	City of St. Augustine	COSA Public Works	H, SS, F	3 years	State and Local
2	Relocation of Fire Station 5 and 11 out of Evacuation Zone	Not Started	Existing	St. Johns County	SJC Fire Rescue	F, SS	1-2 years	Local
3	Drainage Ditch maintenance for flood control	On-Going	New and Existing	ALL	ALL, FPL, JEA	H, HW, W	on-going	State and Local
4	Flood Mitigation on Repetitive Loss Properties	On-going	Existing	ALL	Residents, COSA, SJC COSAB Public Works and Engineering	F, SS	on-going	Private, NFIP, FMAP
5	County Acquisition at Petty Branch Ravine Park (FCT Project)	Not Started	Existing	St. Johns County	SJC Parks and Recreation	F	1 year	Local
6	Purchase Excavation Equipment (backhoes, etc.) for Flood Mitigation	On-going	Existing	ALL	ALL	F	2 months	Local
/	Flood Mitigation at S. Avenida Menendez Seawall Project	Complete	Existing	City of St. Augustine	COSA Public Works	F	3 years	HMGP

	Hazardous Materials Mitigation							
1	Education and Training for Hazardous Materials Incident Response Capability	On-going	Existing	St. Johns County	St. Johns County Fire Rescue	HM	on-going	Local, State, LEPC
	Infrastructure and Structure Improvements							
1	Retrofit Schools and other Public Facilities to Increase Hurricane Evacuation Shelter Spaces	On-going	Existing	St. Johns County	SJC EM and School Board	ALL	on-going	State, Local
1	Install Shutters on the St. Johns County Pet Center	Not-started	Existing	St. Johns County	SJC EM and SJC Animal Control	H, HW	6 months	HMGP, PDM
2	Upgrade Signalization at A1A and L'Atrium Drive	Not started	Existing	St. Johns County	St. Johns County Public Works	H, HW, FR	6 months	HMGP
2	Upgrade Signalization at A1A and Marlin Avenue	Not started	Existing	St. Johns County	St. Johns County Public Works	H, HW, FR	6 months	HMGP
2	Upgrade Signalization at A1A and PGA Tour Boulevard	Not started	Existing	St. Johns County	St. Johns County Public Works	H, HW, FR	6 months	HMGP
2	Upgrade Signalization at A1A and Ponte Vedra Lakes	Not started	Existing	St. Johns County	St. Johns County Public Works	H, HW, FR	6 months	HMGP
2	Upgrade Signalization at Wildwood Drive and U.S. 1	Not started	Existing	St. Johns County	St. Johns County Public Works	H, HW, FR	6 months	HMGP
3	Construct a new Emergency Communications Center outside storm surge zones	Not Started	New	St. Johns County	SJC Public Safety	H, SS, HW, F	1 year	Local, HMGP
4	South Dixie Highway Improvements	Started	Existing	City of St. Augustine	COSA Public Works	F	3 years	Local, Federal
5	Improve Evacuation Route Signage	On-Going	New and Existing	St. Johns County	SJC Public Works	H, SS, HW, F, W, HM	on-going	Local, State
5	May Street @ Douglas (flooding) and at San Marco (constriction) - improve evacuation	Started	Existing	City of St. Augustine	COSA Public Works	H, SS, HW, F, W, HM	1-2 years	CDBG, State
6	Functional Needs Evacuation Shelter	Not Started	New	St. Johns County	SJC EM and School Board	ALL	2 years	Local, State
7	Install Shutters on St. Johns County Fire Station #7	Not Started	Existing	St. Johns County	St. Johns County FR	H, HW	6 months	Local
8	Install Generator for Fuel Pumps at SJC Public Works Facility	Not started	Existing	St. Johns County	St. Johns County Public Works	F, HW, SS, F	6 months	Local
9	Install Permanent Generators at Lift Stations	On-Going	Existing and New	ALL	Utilities	ALL	1 year	Local
10	Construct a new Sheriff's Office Regional Command Center	Not-started	New	St. Johns County	SJC Sheriff's Office	ALL	1 year	Local
11	Mickler Road (from 210 to A1A) Improvements for evacuation	Started	Existing	St. Johns County	SJC Public Works	H, SS, HW, F, W, HM	2 years	Local, State
12	Install generator panel at critical facilities to accept temporary generators	On-Going	Existing	ALL	Utilities	ALL	1 year	Local
12	Preform a safety study on A1A from Owens Avenue to SR 206 to improve evacuation	Not started	Existing	St. Johns County	SJC Public Works	H, SS, HW, F, W, HM	1 year	Local, State
12	SR 206 evacuation improvements study from A1A to end of 206	Not started	Existing	St. Johns County	SJC Public Works	H, SS, HW, F, W, HM	1 year	Local, State
13	Install System of Dry Fire Hydrants Including Priming Pumps in Flagler Estates Area	Not started	New	St. Johns County	SJC Fire Rescue	W, HM, TR	1 year	Local, State
/	Upgrade Signalization at A1A and Coastal Highway	Complete	Existing	St. Johns County	St. Johns County Public Works	H, HW, FR	6 months	HMGP
/	Upgrade Signalization at A1A and Solano	Started	Existing	St. Johns County	St. Johns County Public Works	H, HW, FR	6 months	HMGP
/	Upgrade Signalization at U.S. 1 and Health Park Boulevard	Started	Existing	St. Johns County	St. Johns County Public Works	H, HW, FR	6 months	HMGP
	Master Drainage Improvement							
1	16 Mile Creek Surface Water Improvements	Not Started	Existing	St. Johns County	SJC Public Works & FERWD	F	5 years	State, Local
2	Avenida Menendez Outfall Improvements	Not Started	Existing	City of St. Augustine	COSA Public Works	F, SS	1 year	Local, State, HMGP
3	Dam at Lake Belouthahatchee	Not Started	Existing	St. Johns County	SJC Public Works	F	2 years	Private, HOA
4	Deep Creek Master Drainage Study	Started	Existing	St. Johns County	SJC Public Works	F	1 year	State
5	Deep Creek Revitalization	Not Started	Existing	St. Johns County	SJC Public Works	F	3 years	Local, State
6	Dobbs Road Basin Improvements	Started	Existing	St. Johns County	SJC Public Works	F	3 years	CDBG, Local
7	Intersection Improvements within Flagler Estates Road and Water District	On-going	Existing	St. Johns County	FERWD/SJC Public Works	H, SS, F	ongoing	Local
8	Irma Way Sub. Drainage	Started	Existing	St. Johns County	SJC Public Works	F	2 years	CDBG
9	Jack Wright Island Road Drainage Basin Improvements	Not Started	Existing	St. Johns County	SJC Public Works	F	1-2 years	Local
10	Maria Sanchez Lake Drainage Improvements - Cordova, Grenada, Bridge	Not Started	Existing	City of St. Augustine	COSA Public Works	H, SS, F	2 years	Local
11	Masters Drive Rehabilitation/Drainage	Started	Existing	COSA and SJC	COSA and SJC Public Works	F	1 year	Local
12	North and South Davis Shores Outfall Improvements	Not Started	Existing	City of St. Augustine	COSA Public Works	F, SS	1 year	Local, State, HMGP
13	North Beach Drainage	Started	Existing	St. Johns County	SJC Public Works	F	2-3 years	Local
14	Oyster Creek Basin Drainage Improvements	Started	Existing	COSA and SJC	COSA and SJC Public Works	F	3 years	Local, CDBG

15	Poinsettia/Kings Estates Road/South Fox Creek	Started	Existing	St. Johns County	SJC Public Works	F	2 years	Local, CDBG
16	Roscoe Blvd. Outfall Improvements	Started	Existing	St. Johns County	SJC Public Works	F	2 years	Local
17	Set up pre-contracts for temporary flood pumps	On-going	Existing and New	ALL	ALL	SS, F	On-going	Local
18	Sunset Park Subdivision (Matanzas River/East Creek)	Started	Existing	St. Johns County	SJC Public Works	F	1 year	CDBG, Local
19	West King Street Corridor Improvement Plan	Started	Existing	City of St. Augustine	COSA and SJC Public Works	F	2 years	Local, State
	Planning							
1	Adapting to Sea Level Rise: Planning Process Development	Not started	New	ALL	ALL	SLR	On-going	Federal, State, Local
2	Develop Post-Disaster Redevelopment Standards For Infrastructure And Structures	Not started	New	ALL	ALL	ALL	2 years	State, Local
	Wildfire Mitigation							
1	Pruning Trees and Clearing Brush Near Structures	On-Going	New and Existing	ALL	ALL, FPL, JEA	H, HW, W, FR	on-going	State
	St. Johns County - SJC; City of St. Augustine - COSA; City of St. Augustine Beach - COSAB Town of Hastings - TOH; Flagler Estates Road and Water District - FERWD; Florida Power and Light - FPL; Jacksonville Electric Authority - JEA							
	*Jurisdictions - This category identifies which jurisdiction the Mitigation Project is actually located in. When ALL is used in the Jurisdiction Column it is meant to include St. Johns County, City of St. Augustine. City of St. Augustine Beach, and the Town of Hastings.							
	**Responsible for Project Implementation - When ALL is used in the Responsible for Project Implementation Category is meant to include St. Johns County, City of St. Augustine. City of St. Augustine Beach, and the Town of Hastings.							
	***Timeframe is considered time the project will take to complete once it is actually started and are only estimates. On-going is for projects that have no end time as they are things that are continually mitigated, such as education							
	****Hazard - the following abbreviations will be used to signify which Hazards will be mitigated by a particular Mitigation Project - H - Hurricanes; SS - Storm Surge; HW - High Winds; T - Tornado; F - Flooding; W - Wildfires; HM - Hazardous Materials; TR - Terrorism; D - Drought/Heat Wave; FR - Freeze/Winter Storm; SLR - Sea Level Rise; ALL - Indicates that a Mitigation Project will mitigate against all hazards							
	Updated - August 2016							