



St. Johns County Emergency Management

St. Johns County Floodplain Management Plan Annual Progress Report April 2021

Community Rating System (CRS) Activity 510 Floodplain Management CID: 125147

The Community Rating System (CRS) is a program under the Federal Emergency Management Agency's (FEMA) National Flood Insurance Program (NFIP) that provides discounts on eligible flood insurance policy premiums. Participating communities earn points for activities aimed at reducing flood losses. One of the activities St. Johns County, the City of St. Augustine and the City of St. Augustine Beach participate in is Activity 510-Floodplain Management Planning.

To maintain participation in the CRS, communities participating in Activity 510 must submit an annual update. The St. Johns County multi-jurisdictional Local Mitigation Strategy (LMS) serves as the Floodplain Management Plan. The following questions are required to be answered as a part of the annual update.

1. How can a copy of the credited Hazard Mitigation Plan (Floodplain Management Plan) or Repetitive Loss Area Analysis be obtained?

The current LMS was recently updated. It was adopted by resolution on May 19, 2020 by St. Johns County, May 11th by the City of St. Augustine, and May 4th by the City of St. Augustine Beach. The plan received final approval from FEMA on June 1, 2020 and will expire again on June 1, 2025. A copy of the plan can be obtained from <https://www.sjcemergencymanagement.com/lms.html>.

2. Describe how this annual progress report (not the credited Hazard Mitigation Plan or repetitive Loss Area Analysis) was prepared and how it was submitted to the governing body, released to the media, and made available to the public:

The annual report was prepared by the LMS Working Group chairperson, Laura Nelson with input from the county and city CRS coordinators. It will be made available on the St. Johns County Emergency Management website www.sjcemergencymanagement.com, released by the St. Johns County Communications Division as a media release and submitted to the governing bodies via the County Administrator/City Managers.

3. Provide a description of the implementation of each recommendation or action item in the action plan or area analysis report, including a statement on how the project was implemented or not implemented during the previous year:

The LMS Working Group 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, and are eligible for HMGP, FMA, BRIC, CDBG-DR and other federal, state and local funding. New projects are recommended by Working Group 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 ranking system developed by the Working Group. The ranking system ranks items using criteria such as: availability of funds, viability of project, social equity, environmental impacts, and population benefitted.

The attached project list details the status of each project/action item in the plan. Projects continue to be funded mainly by past cycles of the Hazard Mitigation Grant Program (HMGP) and local revenue. As additional resources become available, projects will be implemented as possible.

4. Discuss why any objectives were not reached or why implementation is behind schedule:

While projects continue to be identified and implemented, resources such as staff, time and money continue to be barriers to implementing all the desired projects on the list. LMS Working Group members have been fortunate to be able to fund a number of projects over the last few years; many of which are still in progress. While progress has been slow due to programmatic regulations and approvals, projects are still moving forward.

5. What are the recommendations for new projects or revised recommendations?

The LMS Working Group meets quarterly to update the project list and discuss ongoing initiatives. Project managers share their best practices with the rest of the Working Group to ensure all involved parties are as efficient as possible. As new projects are identified they are added to the list of projects and implemented as funding and resources become available.

St. Johns County Local Mitigation Strategy Ranked Project List

Project	New or Existing Structure/ Infrastructure	Jurisdiction*	Responsible for Project Implementation**	Hazard****	Project Time-Frame	Potential Funding Source	Estimated Project Cost	Project Status as of 4/20/21
Education and Training								
Educate Prospective Home Buyers & Real Estate Professionals About Floodplains & Base Floor Elevations	New and Existing	ALL	SJC Emergency Management	SS, F	on-going	Local	\$10,000/annual	On-going
Educate Residents of Financial/Insurance Benefits of Preparing their Homes for Natural Disasters	New and Existing	ALL	SJC Emergency Management	ALL	on-going	Local	\$10,000/annual	On-going
Expand/Enhance/Improve Utilities								
City of St. Augustine Pump Station 20 Basin Improvements (Fullerwood)	Existing	City of St. Augustine	COSA Public Works	H, SS, SLR	3 years	HMGP	\$ 2,000,000	Not started
Conversion of power lines from overhead to underground to increase infrastructure resiliency - Bulter substation to Guana Substation	Existing	Beaches Energy	Beaches Energy	H, HW, T, W, FR	3 years	BRIC	\$ 14,000,000	Not started
Cured-In-Place-Pipe lining of Santiary Sewer Laterals	Existing	City of St. Augustine	COSA Public Works	F, SS, SLR	1-2 years	Local	\$ 8,825,000	Started under CIP, I&I program
Cured-In-Place-Pipe lining of Santiary Sewer Gravity Mains	Existing	City of St. Augustine	COSA Public Works	F, SS, SLR	1-2 years	Local	\$ 9,300,000	Started under CIP, I&I program
Electrical Utilities Underground - City Well Fields in 12 Mile Swamp	Existing	St. Johns County	Florida Power and Light	H, HW, T, W, FR	1-2 years	Private	\$ 5,000,000	Not started
Electrical Utilities Underground - South Anastasia Island	New	St. Johns County	Florida Power and Light	H, HW,T,W, FR	1-2 years	Private	\$ 5,000,000	not started
Electrical Utilities Underground - St. Augustine Beach, along A1A	New and Existing	City of St. Augustine Beach	Florida Power and Light	H, HW,T,W, FR	1-2 years	Private	\$ 5,000,000	Not started
Expansion of City of St. Augustine Water Treatment Facility	Existing	City of St. Augustine	COSA Public Works	H, SS, F, D	2 years	Local	\$ 1,000,000	Not started
Manhole Lid Inserts - Reduction of Infiltration & Inflow to the City's Sanitary Sewer System	Existing	City of St. Augustine	COSA Public Works	F, SS, SLR	1 year	Local	\$ 760,000	in-progress under CIP
Rehabilitation of existing sewer system in Oyster Creek	Existing	City of St. Augustine	COSA Public Works	SS, F	3-4 years	Local, CDBG		Not started
Hastings Sewer Improvements	Existing	St. Johns County	SJC Utilities	F, D	3-4 years	CDBG-DR	\$ 1,000,000	In Progress
Seal and Coat Sanitary Sewer Manholes to prevent groundwater infiltration	Existing	City of St. Augustine	COSA Public Works	F, SS, SLR	In-progress	Local	\$ 3,260,000	Started under CIP, I&I program
Shores Unit 2 Ground Storage Tank & Pumping Facility Standby Generator	Existing	St. Johns County	SJC Utilities	H, HW, T, TR, D, FR	1 year	HMGP	\$ 212,160	started
South Ground Storage Tank & Pumping Facility Standby Generator	Existing	St. Johns County	SJC Utilities	H, HW, T, TR, D, FR	1 year	HMGP	\$ 253,260	started
Flood/Repetitive Loss Mitigation								
Acquisition of property from willing sellers along Old A1A Summerhaven	Existing	St. Johns County	St. Johns County Environmental	H, SS, F, SLR	1-2 years	HMGP, Local	\$ 10,000,000	On-going
Acquisition at Petty Branch Ravine Park (FCT Project)	Existing	St. Johns County	SJC Parks and Recreation	F	1 year	Local	\$ 2,000,000	Not started
Flood Mitigation at Avenida Menendez Seawall, Connectivity Project	Existing	City of St. Augustine	COSA Public Works	F, SS, SLR	1-3 years	HMGP	\$ 1,475,000	HMGP awarded, design underway
Flood Mitigation Improvements to St. Augustine Sanitary Sewer Pumping Stations	Existing	City of St. Augustine	COSA Public Works	H, SS, F	3 years	HMGP, Local, State, PA	\$ 14,000,000	13 in progress. funded under PA
Flood Mitigation on King St. (DOT Project)	Existing	FDOT/City of St. Augustine	COSA Public Works	H, SS, F	3 years	State and Local	\$ 6,000,000	In design phase
Flood Mitigation on Repetitive Loss Properties	Existing	ALL	Residents, COSA, SJC COSAB Public Works and Engineering	F, SS	on-going	Private, NFIP, FMAP	\$ 350,000	On-going
Flood Mitigation on South Whitney and W. King St.	Existing	City of St. Augustine	COSA Public Works	H, SS, F, SLR	3 years	HMGP	\$ 800,000	Awaiting FEMA approval to proceed with Phase 2
Purchase of Portable Pump to Reduce Flooding Impacts within the City of St. Augustine Beach	New	City of St. Augustine Beach	COSAB Public Works	H, SS, F, SLR	1 year	HMGP, CDBG-MIT	\$ 35,000	Not started
Alcazar Hotel Floodproofing (flood wrap & flood gates) and landscaping (cisterns)	Existing	City of St. Augustine	COSA Public Works	SS, F, SLR	3 years	HMGP, Local, CDBG-MIT	\$ 2,040,000	newly identified
Llambias House Flood Mitigation and Resiliency	Existing	City of St. Augustine	COSA Public Works	SS, F, SLR	3 years	HMGP, Local, CDBG-MIT	\$ 135,000	newly identified
Elevation of a Repetitive Flood Loss Property at 4** Arricola Avenue	Existing	City of St. Augustine	COSA Public Works	SS, F, SLR	4 years	FMA	\$ 428,813	Didn't meet BCA for FMA 2020

Project	New or Existing Structure/ Infrastructure	Jurisdiction*	Responsible for Project Implementation**	Hazard****	Project Time-Frame	Potential Funding Source	Estimated Project Cost	Project Status as of 4/20/21
Demolition and Reconstruction of a Repetitive Flood Loss Property at 5** Arricola Avenue	Existing	City of St. Augustine	COSA Public Works	SS, F, SLR	5 years	FMA	\$ 397,000	Applied under FMA 2020
Stormwater Resiliency Improvements Ocean Walk Subdivision	Existing	City of St. Augustine Beach	COSAB Public Works	SS, F, SLR	3 years	HMGP	\$ 694,000	newly identified
CR A1A Storm Surge Progection	Existing	City of St. Augustine Beach	COSAB Public Works	SS, F, SLR	4 years	HMGP	\$ 270,000	newly identified
Stormwater Pump Station for Coquina Ditch in S. Davis Shores	Existing	City of St. Augustine	COSA Public Works	F, SS, SLR	3 years	HMGP, BRIC, Local	\$ 2,000,000	newly identified
Smart Valve System for S. Davis Shores	Existing	City of St. Augustine	COSA Public Works	F, SS, SLR	3 years	HMGP, BRIC, Local	\$ 600,000	newly identified
Phase 1 Flood Barrier for S. Davis Shores	Existing	City of St. Augustine	COSA Public Works	F, SS, SLR	3 years	HMGP, BRIC, Local	\$ 6,936,000	newly identified
Drainage Improvements for S. Davis Shores	Existing	City of St. Augustine	COSA Public Works	F, SS, SLR	3 years	HMGP, BRIC, Local	\$ 1,608,800	newly identified
Hazardous Materials Mitigation								
Education and Training for Hazardous Materials Incident Response Capability	Existing	St. Johns County	St. Johns County Fire Rescue	HM	on-going	Local, State, LEPC	\$ 10,000	On-going
Infrastructure and Structure Improvements								
Electrical Connections for Emergency Standby Generators - FR Stations 9/10/6/7	Existing	St. Johns County	SJC Fire Rescue	ALL	1 year	HMGP, Local	\$ 60,000	Not started
Emergency Standby Generator at SJC Council on Aging Senior Center	Existing	City of St. Augustine	SJC Council on Aging	H, SS, HW, T, F	1 year	HMGP	\$ 100,000	Not started
Emergency Standby Generators for Fire Stations 4 and 12	Existing	St. Johns County	SJC Fire Rescue	ALL	1 year	HMGP, Local	\$ 180,000	Not started
Emergency Standby Generator for Flagler Hospital	Existing	St. Johns County	Flagler Hospital	H, SS, HW, F	3 years	HMGP	\$ 1,500,000	Not started
Flood Mitigation and Resiliency Improvements at Inlet Dr.	New	City of St. Augustine	COSA Public Works	H, SS, F, SLR	2 years	HMGP, CDBG-MIT	\$ 772,000	in design construction not funded yet
Flood Proofing and Wind Mitigation at Fire Station 6 – Crescent Beach	Existing	St. Johns County	SJC Facilities Maintenance	F, HW, SS	1 year	HMGP	\$ 31,000	Not started
Improve Structural Resiliency - 2859 S. Ponte Vedra Blvd.	Exsisting	St. Johns County	Private Owners	H, SS, SLR	1 year	BRIC, homeowner	\$ 100,000	Not started
Install Shutters on St. Johns County Fire Station #7	Existing	St. Johns County	St. Johns County FR	H, HW	6 months	Local	\$ 50,000	Not started
Install Hurricane Shutters at SJC Council on Aging Senior Center	Existing	City of St. Augustine	SJC Council on Aging	H, HW, T	1 year	HMGP	\$ 50,000	Not started
Sea Level Rise Adaptation and Planning: NOAA National Water Level Observation Network	New	ALL	COSA Public Works	H, SS, F, SLR		HMGP, CDBG-MIT, FMA	\$ 210,000	Not started
South Dixie Highway Improvements	Existing	City of St. Augustine	COSA Public Works	F	3 years	Local, Federal	\$ 8,000,000	Phase 1 completed for box culvert replacement & elevation out of flood plain, Phase 2 would be remaining road- not started
Upgrade Signalization at A1A and L'Atrium Drive	New	St. Johns County	St. Johns County Public	H, HW, FR	6 months	HMGP	\$ 500,000	Not started
Upgrade Signalization at A1A and Marlin Avenue	New	St. Johns County	St. Johns County Public	H, HW, FR	6 months	HMGP	\$ 500,000	Not started
Upgrade Signalization at A1A and PGA Tour Boulevard	New	St. Johns County	Works	H, HW, FR	6 months	HMGP	\$ 500,000	Not started
Upgrade Signalization at A1A and Ponte Vedra Lakes	New	St. Johns County	Works	H, HW, FR	6 months	HMGP	\$ 500,000	Not started
Upgrade Signalization at US1 @ Shore Drive (Ponce Mall Entrance)	New	St. Johns County	SJC Public Works	H, HW	3 years	HMGP	\$ 500,000	In progress
Upgrade Signalization at US 1 @ Lewis Point Rd.	New	St. Johns County	SJC Public Works	H, HW	3 years	HMGP	\$ 500,000	In progress
Upgrade Signalization at Wildwood Drive and U.S. 1	New	St. Johns County	SJC Public Works	H, HW, FR	6 months	Local assistance	\$ 500,000	Not started
Master Drainage Improvement								
16 Mile Creek Surface Water Improvements	Existing	St. Johns County	SJC Public Works & FERWD	F	5 years	State, Local	\$ 1,000,000	Not started
Deep Creek Master Drainage Study	Existing	St. Johns County	SJC Public Works	F	1 year	State	\$ 500,000	Not started

Project	New or Existing Structure/ Infrastructure	Jurisdiction*	Responsible for Project Implementation**	Hazard****	Project Time-Frame	Potential Funding Source	Estimated Project Cost	Project Status as of 4/20/21
Deep Creek Conveyance Improvements	Existing	St. Johns County	SJC Public Works	F	3 years	HMGP	\$ 1,500,000	withdrawn from Irma HMGP
Drainage Improvement and Flood Mitigation of Ct Theophelia Neighborhood	Existing	City of St. Augustine	COSA Public Works	F, SLR	1-2 years	Local	\$ 1,000,000	Not started
Drainage Improvements around Anastasia Baptist Church	Existing	St. Johns County	SJC Public Works	H, SS, F, SLR	3 years	HMGP	\$ 1,500,000	Not started
Drainage Improvements at Avenue D	Existing	St. Johns County	SJC Public Works	F	1 year	CDBG-DR	\$ 400,000	CDBG funding. In progress
Drainage Improvements on CR 13 N	Existing	St. Johns County	SJC Public Works	F, SS	1 year	HMGP	\$ 1,500,000	withdrawn from Irma HMGP
Drainage Improvements at Frances Rd.	Existing	St. Johns County	SJC Public Works	F	1 year	HMGP	\$ 400,000	Not started
Drainage Improvements at Kings Road	Existing	St. Johns County	SJC Public Works	F	1 year	HMGP	\$ 400,000	Out for bid
Drainage Improvements at Lightsey Rd.	Existing	St. Johns County	SJC Public Works	F	1 year	HMGP	\$ 140,000	Not started
Drainage Improvements at Main Street	Existing	St. Johns County	SJC Public Works	F	1 year	HMGP	\$ 640,000	Not started
Drainage Improvements at Masters Drive	Existing	St. Johns County	SJC Public Works	F	1 year	HMGP	\$ 150,000	Not started
Drainage Improvement Fox Creek – Holmes Blvd	Existing	St. Johns County	SJC Public Works	F	1 year	HMGP	\$ 873,000	Awaiting word from FDEM
Drainage Improvements at North Beach	Existing	St. Johns County	SJC Public Works	H, SS, F, SLR	3 years	HMGP	\$ 2,000,000	Unlikely to proceed for Phase 2 due to BCA
Drainage Improvements at Old Moultrie Road	Existing	St. Johns County	SJC Public Works	F	1 year	HMGP	\$ 750,000	Not started
Drainage Improvements at West Augustine Service Areas 2 & 4	Existing	COSA and SJC	COSA and SJC Public Works	F	3 years	Local	\$ 920,000	withdrawn from Irma HMGP, proceeded with local funds
Drainage Improvements at Porpoise Point	Existing	St. Johns County	SJC Public Works	F,SS	3 years	HMGP	\$ 800,000	Awarded Phase 1 funding March 2021
Drainage Improvements at S. Collins Ave. and Varella Ave.	Existing	St. Johns County	SJC Public Works	F, SLR	3 years	HMGP, local	\$ 600,000	Not Started
Drainage Improvements at S. Orange St.	Existing	St. Johns County	SJC Public Works	F	1 year	CDBG-DR	\$ 300,000	Started
Drainage Improvements at St. Augustine/Cypress Boulevard	Existing	St. Johns County	SJC Public Works	F	1 year	CDBG-DR	\$ 1,300,000	Started
Drainage Improvements at St. Augustine Shores	Existing	St. Johns County	SJC Public Works	H, SS, F, SLR	5 years	HMGP	\$ 2,500,000	Not Started
Drainage Improvements at St. Johns Avenue (Hastings)	Existing	St. Johns County	SJC Public Works	F	1 year	CDBG-DR	\$ 600,000	Started
Drainage Improvements at Tillman Ridge Landfill	Existing	St. Johns County	SJC Public Works	F, HM	1 year	Local	\$ 100,000	Started
Drainage Improvements at Winton Circle	Existing	St. Johns County	SJC Public Works	F	1-2 years	Local	\$ 1,500,000	withdrawn from Irma HMGP, proceeding with local funds
Drainage Improvements by Retrofitting Stormwater Outfalls Citywide	Existing	City of St. Agugustine	COSA Public Works	F, SS, SLR	1-2 years	Local/CIP	\$ 1,600,000	43 of 103 in progress. Remaining to be prioritized and funding options evaluated
Drainage Improvements in the area of W. King St. and N. Rodriquez St. near the St. James Missionary Church	Existing	St. Johns County	SJC Public Works	F, SLR	3 years	CDBG-DR	\$ 500,000	Started
Increase Primary Stormwater Outfall Capacity/ Master Stormwater pump Station improvements	Existing	City of St. Augustine Beach	City of St. Augustine Beach	H, SS, F, SLR	1-2 years	HMGP	\$ 800,000	Waiting on Phase 2 execution
Jack Wright Island Road Drainage Basin Improvements	Existing	St. Johns County	SJC Public Works	F	1-2 years	Local		Started
Lake Maria Sanchez Sanchez Flood Mitigation	Existing	City of St. Augustine	COSA Public Works	H, SS, F	5 years	HMGP, Local	\$ 16,000,000	Phase 1 design underway
Roscoe Blvd. Outfall Improvements	Existing	St. Johns County	SJC Public Works	F	2 years	Local	\$ 500,000	Not started
Sunset Park Subdivision (Matanzas River/East Creek)	Existing	St. Johns County	SJC Public Works	F	1 year	CDBG, Local	\$ 5,000	Started
West King Street Corridor Improvement Plan	Existing	City of St. Augustine	COSA and SJC Public Works	F	2 years	Local, State	\$ 100,000	In-progress
Flood mitigation and Drainage of the Plaza de la Constitución	Existing	City of St. Augustine	COSA Public Works	F, SS, SLR	3 years	HMGP, Local, CDBG-MIT	\$ 4,645,000	newly added
Planning								
Adapting to Sea Level Rise: Planning Process Development	New	ALL	ALL	SLR	On-going	Federal, State, Local	\$ 100,000	Not started
Develop Post-Disaster Redevelopment Standards For Infrastructure And Structures	New	ALL	ALL	ALL	2 years	State, Local	\$ 50,000	Not started
Development of a St. Johns County Floodplain Management Plan	New	ALL	ALL	F, SS, SLR	2 years	BRIC, FMA	\$ 75,000	Not started
Wildfire Mitigation								

Project	New or Existing Structure/ Infrastructure	Jurisdiction*	Responsible for Project Implementation**	Hazard****	Project Time-Frame	Potential Funding Source	Estimated Project Cost	Project Status as of 4/20/21
Creating defendable space around structures	New and Existing	ALL	ALL, FPL, JEA	H, HW, W, FR	on-going	State	\$ 100,000	On-Going
Install System of Dry Fire Hydrants Including Priming Pumps in Flagler Estates Area	New	St. Johns County	SJC Fire Rescue	W, HM, TR	1 year	Local, State	\$ 1,000,000	Not started
Blue Highlight - Hurricane Irma HMGP Funding								
Yellow Highlight - Hurricane Matthew HMGP Funding								
Purple Highlight - Hurricane Dorian HMGP Funding								
St. Johns County - SJC; City of St. Augustine - COSA; City of St. Augustine Beach - COSAB; 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								
**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 - April 2021								

St. Johns County Local Mitigation Strategy Completed Mitigation Projects

Project	Project Status	Jurisdiction*	Responsible for Project Implementation**	Hazard****	Completion Date	Funding Source	Total Cost
Rehabilitation of existing sewer system in the Abbott Tract	Completed	City of St. Augustine	COSA Public Works	SS, F	2019	Local	
Relocation of Fire Station 5 and 11 out of Evacuation Zone	Complete	St. Johns County	SJC Fire Rescue	F, SS	2019	Local	
Flood Mitigation at S. Avenida Menendez Seawall Project	Complete	City of St. Augustine	COSA Public Works	F, SS	2016	FMA/HMGP	
Upgrade Signalization at A1A and Coastal Highway	Complete	St. Johns County	St. Johns County Public Works	H, HW, FR	2016	HMGP	
Upgrade Signalization at A1A and Solano	Complete	St. Johns County	St. Johns County Public Works	H, HW, FR	2016	HMGP	
Upgrade Signalization at U.S. 1 and Health Park Boulevard	Complete	St. Johns County	St. Johns County Public Works	H, HW, FR	2016	HMGP	
Install Shutters and a generator for the St. Johns County Pet Center	Completed	St. Johns County	SJC EM and SJC Animal Control	H, HW	2019	HMGP	
Emergency Standby Generator for Special Needs Shelter at Freedom Crossing Academy (state of FL generator now on site)	Completed	St. Johns County	SJC Emergency Mangement	ALL	2020	State of FL	
Emergency Standby Generators at Primary Hurricane Shelters: Osceola Elem. School, Otis A. Mason Elem. School, Mill Creek Elem. School	Completed	St. Johns County	SJC School District	ALL	2020	HMGP	
May Street @ Douglas (flooding) and at San Marco (constriction) - improve evacuation	Completed	City of St. Augustine	COSA Public Works	H, SS, HW, F, W, HM	2020	CDBG, State	\$ 1,000,000
Wastewater Treatment Plant Shoreline Hardening and Flood Proofing	Completed	City of St. Augustine	COSA Public Works	F, SS, SLR	2020	Local	\$ 140,000
Macaris Stormwater Outfall Resiliency Retrofit with Tide Check Valve	Completed	City of St. Augustine	COSA Public Works	F, SS, SLR	2021	Local	\$ 300,000
North and South Davis Shores Outfall Improvements	Completed	City of St. Augustine	COSA Public Works	F, SS	2020	Local, HMGP	\$ 1,500,000
Enhance construction of a new Emergency Communications Center outside storm surge zones	Completed	St. Johns County	SJC Public Safety	H, SS, HW, F	2021	Local	\$ 14,000,000
Upgrade Signalization at US1 @ County Road 210	Completed	St. Johns County	SJC Public Works	H, HW		HMGP	\$ 500,000
Drainage Improvements at Kings Estate Road	Completed	St. Johns County	SJC Public Works	F		HMGP	\$ 400,000
Drainage Improvements at Remington Forest	Completed	St. Johns County	SJC Public Works	F	2019	HMGP	\$ 250,000
Drainage Improvements at Rio del Mar Street & Fountain of Youth Boulevard	Completed	St. Johns County	SJC Public Works	F, SS	2020	HMGP	\$ 1,000,000
Emergency Standby Generator for Fuel Pumps at SJC Public Works Facility	Completed	St. Johns County	St. Johns County Public Works	F, HW, SS, F		Local	\$ 150,000

Hurricane Matthew Hazard Mitigation Grant Program Funded Projects

Project Rank	Project	Jurisdiction	Cost	Local Match 25%	Project Status (April 2021)	Notes
1	Lake Maria Sanchez Flood Mitigation Project	City of St. Augustine	\$ 11,500,000.00	\$ 2,875,000.00	in design still	
2	Master Stormwater Pump Station Improvements	City of St. Augustine Beach	\$ 500,000.00	\$ 125,000.00	in progress	merged with project #7
3	Emergency Standby Generators at Primary Hurricane Shelters: Osceola Elem. School, Otis A. Mason Elem. School, Mill Creek Elem. School	St. Johns County School District	\$ 750,000.00	\$ 187,500.00	completed	completed
4	Upgrade Signalization at US1 @ County Road 210	St. Johns County	\$ 511,148.00	\$ 127,787.00	completed	completed Feb 2021
5	Upgrade Signalization at US 1 @ Lewis Point Rd.	St. Johns County	\$ 551,149.00	\$ 137,787.00	in progress	in bid phase. Extended to march 2022
6	Upgrade Signalization at US 1 @ Shore Dr.	St. Johns County	\$ 551,149.00	\$ 137,787.00	in progress	in bid phase. Extended to march 2022
7	Increase Primary Stormwater Outfall Capacity	City of St. Augustine Beach	\$ 350,000.00	\$ 87,500.00	in progress	waiting on executed phase 2 contract.
8	Drainage Improvements at Kings Estate	St. Johns County	\$ 350,000.00	\$ 87,500.00	completed	Completed March 2021
9	Install hurricane shutters and emergency standby generator at the St. Johns County Pet Center	St. Johns County	\$ 122,000.00	\$ 30,500.00	completed	completed
10	Flood Mitigation Improvements on South Whitney and West King St.	City of St. Augustine/St. Johns County	\$ 800,000.00	\$ 200,000.00	in progress	awaiting FEMA approval for phase 2
11	Bartram Oaks Wastewater Treatment Plant Standby Generator	St. Johns County	\$ 163,000.00	\$ 40,750.00	deleted/ withdrawn	no room on the property for a permanent generator
12	Drainage Improvements on Kings Road	St. Johns County	\$ 354,714.00	\$ 88,679.00	in progress	out for bid. Contract extended to Oct 2022
13	Drainage Improvements at North Beach	St. Johns County	\$ 2,000,000.00	\$ 500,000.00	in progress	phase 1 awarded - highly unlikely to meet BCA. Might need to be withdrawn
14	South Ground Storage Tank & Pumping Facility Standby Generator	St. Johns County	\$ 253,260.00	\$ 63,315.00		
15	Shores Unit 2 Ground Storage Tank & Pumping Facility Standby Generator	St. Johns County	\$ 212,160.00	\$ 53,040.00		

\$ 18,968,580.00 \$ 4,742,145.00

St. Johns County Hurricane Irma HMGP Ranked Project List

Project Rank	Project	Applicant	Goal	Total Project Cost	Estimated Federal Share	Status Update (April 2021)
1	Flood Mitigation at Avenida Menendez Seawall, Connectivity Project - CoSA Priority #1	City of St. Augustine	2,3,4	\$1,475,000.00	\$1,106,250.00	in design
2	Drainage Improvements at Winton Circle – SJC Priority #1	St. Johns County	2,3	\$1,500,000.00	\$1,125,000.00	moving forward with Local Funds
3	Wastewater Treatment Plant Shoreline Hardening and Flood Proofing – CoSA Priority #2	City of St. Augustine	2,3,4,5	\$7,160,000.00	\$1,790,000.00	withdrawn after award due to workload. Changed scope and completed floodproofing to a Cat 2 instead of Cat 5
4	Deep Creek Conveyance Improvements – SJC Priority #2	St. Johns County	2,3,4,5	\$1,500,000.00	\$1,125,000.00	withdrawn
5	Manhole Lid Inserts – Reduction of Infiltration & Inflow to the City's Sanitary Sewer System	City of St. Augustine	2,3,5	\$760,000.00	\$570,000.00	being funded in-house not under HMGP with CIP
6	Flood Proofing and Wind Mitigation at Fire Station 6 – Crescent Beach	St. Johns County	2,3	\$31,000.00	\$23,250.00	Not submitted
7	Macaris Stormwater Outfall Resiliency Retrofit with Tide Check Valve	City of St. Augustine	2,3,4	\$300,000.00	\$225,000.00	funded by state cost-share grants not HMGP. Complete
8	Drainage Improvements by Retrofitting Stormwater Outfalls Citywide	City of St. Augustine	2,3,4,5	\$1,600,000.00	\$1,200,000.00	in progress 43 of 103 done. Not submitted for HMGP funding
9	Drainage Improvements at West Augustine Service Areas 2 & 4	St. Johns County	2,3,4	\$920,000.00	\$690,000.00	withdrawn b/c of BCA moving forward with local funding
10	Drainage Improvements at Rio del Mar Street & Fountain of Youth Boulevard	St. Johns County	2,3	\$1,000,000.00	\$750,000.00	withdrawn. Both completed with local funds
11	Drainage Improvements on CR 13 N-	St. Johns County	2,3	\$1,500,000.00	\$1,125,000.00	withdrawn because of funding considerations
12	Drainage Improvement and Flood Mitigation of Ct Theophelia Neighborhood	City of St. Augustine	2,3	\$1,000,000.00	\$750,000.00	planned in CIP not submitted for HMGP
13	Drainage Improvement Fox Creek – Holmes Blvd	St. Johns County	2,3	\$873,000.00	\$654,750.00	still awaiting funding
14	Drainage Improvements at Porpoise Point	St. Johns County	2,3,4	\$800,000.00	\$600,000.00	awarded phase 1 funding in March 2021
			Total	\$20,419,000.00	\$11,734,250.00	

St. Johns County Local Mitigation Strategy Deleted Mitigation Projects

Project	New or Existing Structure/ Infrastructure	Jurisdiction*	Responsible for Project Implementation**	Hazard****	Reason	Deleted Date
GIS Enhancements for Mitigation Activities Countywide		All	SJC Geographic Information Systems	ALL	Not mitigation	2/27/2020
Electrical Utilities Underground - Ponte Vedra Beach	New and Existing	St. Johns County	Beaches Energy	H, HW,T,W, FR	Project submitted under different, more specific name	2/27/2020
Potable Water System Improvements in the Town of Hastings	Existing	St. Johns County	SJC Utilities	H, SS, F, D	Hastings dissolved (former sponsor of project), system taken over by SJC Utilities, upgraded and maintained	2/27/2020
Sawgrass Water Treatment Plant Standby Generator	Existing	St. Johns County	SJC Utilities	H, HW, T, TR, D, FR	Project scope changed	2/27/2020
Upgrade faulty septic systems	New and Existing	St. Johns County & COSA	COSA Public Works	SS, F	Not mitigation	2/27/2020
Drainage Ditch maintenance for flood control	New and Existing	ALL	ALL, FPL, JEA	H, HW, W	Not mitigation	2/27/2020
Purchase Excavation Equipment (backhoes, etc.) for Flood Mitigation	Existing	ALL	ALL	F	not mitigation	2/27/2020
Emergency Standby Generators at Lift Stations	Existing and New	ALL	Utilities	ALL	specific sites identified and listed for generators and/or emergency pumps	2/27/2020
Enhance Additional Facilities to expand Evacuation Shelter Spaces	New	St. Johns County	SJC EM and School Board	ALL	Specific projects identified, State shelter retrofit grants pursued	2/27/2020
Improve Evacuation Route Signage	New and Existing	St. Johns County	SJC Public Works	H, SS, HW, F,	Not mitigation	2/27/2020
Install generator panel at critical facilities to accept temporary generators	Existing	ALL	Utilities	ALL	Specific facilities identified and mitigation projects sponsored	2/27/2020
Mickler Road (from 210 to A1A) Improvements for evacuation	Existing	St. Johns County	SJC Public Works	H, SS, HW, F, W, HM	Project scope changed	2/27/2020
Preform a safety study on A1A from Owens Avenue to SR 206 to improve evacuation	Existing	St. Johns County	SJC Public Works	H, SS, HW, F, W, HM	Project scope changed	2/27/2020
SR 206 evacuation improvements study from A1A to end of 206	Existing	St. Johns County	SJC Public Works	H, SS, HW, F, W, HM	Project scope changed	2/27/2020
Dam at Lake Belouthahatchee	Existing	St. Johns County	SJC Public Works	F	No identified sponsor/support for project	2/27/2020
Drainage Improvements at International Golf Parkway	Existing	St. Johns County	SJC Public Works	F	No longer a viable project	2/27/2020
Set up pre-contracts for temporary flood pumps	Existing and New	ALL	ALL	SS, F	Not mitigation	2/27/2020
Intersection Improvements within Flagler Estates Road and Water District	Existing	St. Johns County	FERWD/SJC Public Works	H, SS, F	Specific projects identified for improvements	2/27/2020
Marineland - Area from north end of revetment to northern Town limits (Underground sand barrier)	Existing	St. Johns County	St. Johns County Public Works	H, SS	Not mitigation	2/27/2020

St. Johns County Local Mitigation Strategy Deleted Mitigation Projects

Project	New or Existing Structure/ Infrastructure	Jurisdiction*	Responsible for Project Implementation**	Hazard****	Reason	Deleted Date
Restoration of Emergency Berms in Summer Haven	Existing	St. Johns County	Summer Have Homeowner Ass.	H, SS	Not mitigation	2/27/2020
St. Augustine Beach (State Park to F St.)	Existing	City of St. Augustine Beach	COSAB and SJC	H, SS	Not mitigation	2/27/2020
Summer Haven	Existing	St. Johns County	St. Johns County Public Works	H, SS	Not mitigation	2/27/2020
Surfside Area	Existing	St. Johns County	St. Johns County Public Works	H, SS	Not mitigation	2/27/2020
Walk-over @ Mariners Watch	Existing	St. Johns County	St. Johns County Public Works	H, SS	Not mitigation	2/27/2020
Bartram Oaks Wastewater Treatment Plant Standby Generator	Existing	St. Johns County	SJC Utilities	H, HW, T, TR, D, FR	No room for a generator on the property	11/17/2020
Fruit Cove Wastewater Treatment Plant Standby Generator	Existing	St. Johns County	SJC Utilities	H, HW, T, TR, D, FR	cancelled	12/20/2019
Manhole Lid Inserts - Infiltration & Inflow Prevention - Ponte Vedra System - Sewer Collection System	Existing	St. Johns County	SJC Utilities	H, SS, F	did not meet BCA	12/28/2020
Manhole Lid Inserts - Infiltration & Inflow Prevention - St. Johns County Main System - Sewer Collection System	Existing	St. Johns County	SJC Utilities	H, SS, F	did not meet BCA	12/28/2020
Avenida Menendez Outfall Improvements	Existing	City of St. Augustine	COSA Public Works	F, SS	This project is being handled through 2 other HMGPs we have under way - Lake Maria Sanchez and the Avenida Menendez Flood Barrier Phase 1	4/20/2021