



St. Johns County Emergency Management

St. Johns County Floodplain Management Plan Annual Progress Report April 2024

Community Rating System (CRS) Activity 510 Floodplain Management

CIDs: 125147(County), 125145 (St. Augustine), 125146 (St. Augustine Beach)

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 6, 2025. A copy of the plan can be obtained from <https://www.sjcf.us/wp-content/uploads/2023/08/SJC-Local-Mitigation-Strategy-2022.pdf>.

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, provided to the St. Johns County Office of Public Affairs for sharing with the media 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 |
|--|---|-----------------------------|--|-----------------|--------------------|--------------------------|------------------------|--|
| 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 - estimate finish Dec 2022 |
| 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 |
| Barrier Island Lift Station Mitigation | Existing | St. Johns County | SJC Utilities | F, SLR, SS | 3 years | HMGP, reserves | \$ 1,285,000 | submitted under IAN |
| Barrier Island Force Main Improvements | Existing | St. Johns County | SJC Utilities | SS, F, SLR | 5 years | HMGP, local, utilities | \$ 750,000 | |
| 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 | waiting phase II approval |
| 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 | under construction |
| Flood Mitigation on Repetitive Loss Properties | Existing | St. Johns County | SJC EM & Quality Engineering | F, SS | 4 years | Private, FMA | \$ 2,484,401 | Submitted 11 properties under 2023 FMA |
| COSA Davis Shores Residential Elevations 2022 | Existing | City of St. Augustine | COSA Public Works | FF, SS, H, SLR | 3 years | Private, FMA | \$ 10,102,914 | 61 properties Approved under FMA 2022 cycle |
| COSA Davis Shores Residential Elevations 2023 Application | Existing | City of St. Augustine | COSA Public Works | FF, SS, H, SLR | 4 years | Private, FMA | \$ 2,271,087 | Additional 10 properties submitted |
| 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 | Approved, preparing for construction |
| 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 | 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 | |
| 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 | |
| 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 |
| 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 | Funded - in progress |
| Stormwater Resiliency Improvements Ocean Walk Subdivision | Existing | City of St. Augustine Beach | COSAB Public Works | SS, F, SLR | 3 years | HMGP | \$ 694,000 | Funded by State of FL legislative allocation |
| CR A1A Storm Surge Progection | Existing | City of St. Augustine Beach | COSAB Public Works | SS, F, SLR | 4 years | HMGP | \$ 270,000 | in Phase II review |

| Project | New or Existing Structure/ Infrastructure | Jurisdiction* | Responsible for Project Implementation** | Hazard**** | Project Time-Frame | Potential Funding Source | Estimated Project Cost | Project Status |
|---|---|-----------------------------|--|-----------------|--------------------|--------------------------|------------------------|---|
| 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 | 11/6/23 under contract negotiations |
| Elevation of 409 Fourteenth Street | Existing | St. Johns County | St. Johns County EM | F, SS, SLR | 3 years | HMGP, FMA | \$ 1,145,489 | Submitted under Ian as one project |
| Elevation of 413 16th Street | Existing | St. Johns County | St. Johns County EM | F, SS, SLR | 4 years | HMGP, FMA | | |
| Elevation of 506 14th Street | Existing | St. Johns County | St. Johns County EM | F, SS, SLR | 5 years | HMGP, FMA | | |
| 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 | 12/20/23 under contract negotiations |
| 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 |
| 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 floodplain, Phase 2 would be remaining road- not started |
| Upgrade Signalization at A1A and L'Atrium Drive | New | St. Johns County | St. Johns County Public Works | 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 Works | H, HW, FR | 6 months | HMGP | \$ 500,000 | Not started |
| Upgrade Signalization at A1A and PGA Tour Boulevard | New | St. Johns County | St. Johns County Public Works | H, HW, FR | 6 months | HMGP | \$ 500,000 | Not started |
| Upgrade Signalization at A1A and Ponte Vedra Lakes | New | St. Johns County | St. Johns County Public Works | H, HW, FR | 6 months | HMGP | \$ 500,000 | Not started |
| Permanent Emergency Standby Generator for Special Needs Shelter at Freedom Crossing Academy | Existing | St. Johns County | SJC EM | H, SS, HW, T, F | 1 year | HMGP - COVID | \$ 315,157 | Generator delivered 4/19/24 |
| City of St. Augustine Beach Drainage Improvements on 7th, 8th and 9th Streets | Existing | City of St. Augustine Beach | COSAB Public Works | F, SLR, SS | 3 years | Legislative funds | \$ 150,000 | withdrawn from HMGP; moving forward w/ legislative allocation |
| Standby Generator for Post-disaster sheltering at Solomon Calhoun Community Center | Existing | St. Johns County | SJC Emergency Mgmt | ALL | 3 years | HMGP | \$ 716,255 | Submitted under Ian and as Nicole's #1 project |
| Generator upgrades at Pedro Menendez and Bartram Trail high schools | Existing | St. Johns County | School District | H, HW, T | 3 years | HMGP | \$ 4,500,460 | Submitted under Ian |
| 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 | Started |
| 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 | Design underway approaching 30% as of 11/7/23 |
| Drainage Improvements around Anastasia Baptist Church | Existing | St. Johns County | SJC Public Works | H, SS, F, SLR | 3 years | HMGP | \$ 1,500,000 | Started per update on 4/19/24 |
| 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 | In progress 4/19/24 |
| Drainage Improvements at Lightsey Rd. | Existing | St. Johns County | SJC Public Works | F | 1 year | HMGP | \$ 140,000 | Not started as of 4/19/24 |
| Drainage Improvements at Main Street | Existing | St. Johns County | SJC Public Works | F | 1 year | HMGP | \$ 640,000 | Not started as of 4/19/24 |
| Drainage Improvements at Old Moultrie Road | Existing | St. Johns County | SJC Public Works | F | 1 year | HMGP | \$ 750,000 | In progress 4/19/24 |
| 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. In progress as of 4/19/24 |
| Drainage Improvements at S. Collins Ave. and Varella Ave. | Existing | St. Johns County | SJC Public Works | F, SLR | 3 years | HMGP, local | \$ 600,000 | Started as of 4/19/24 |
| Drainage Improvements at St. Augustine Shores | Existing | St. Johns County | SJC Public Works | H, SS, F, SLR | 5 years | HMGP | \$ 2,500,000 | Started as of 4/19/24 |
| Drainage Improvements at Tillman Ridge Landfill | Existing | St. Johns County | SJC Public Works | F, HM | 1 year | Local | \$ 100,000 | Started |

| Project | New or Existing Structure/ Infrastructure | Jurisdiction* | Responsible for Project Implementation** | Hazard**** | Project Time-Frame | Potential Funding Source | Estimated Project Cost | Project Status |
|---|---|-----------------------------|--|---------------|--------------------|--------------------------|------------------------|--|
| Drainage Improvements by Retrofitting Stormwater Outfalls Citywide | Existing | City of St. Ag Augustine | COSA Public Works | F, SS, SLR | 1-2 years | Local/CIP | \$ 1,600,000 | 43 of 103 in completed. Additional 20 are in process, est completion of 2026. Remaining to be prioritized and funding options evaluated. |
| Drainage Improvements in the area of W. King St. and N. Rodriguez 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 |
| Lake Maria Sanchez Flood Mitigation | Existing | City of St. Augustine | COSA Public Works | H, SS, F | 5 years | Resilient FL (FDEP) | \$ 16,000,000 | Phase 1 design underway; will be funded with Resilient FL grants and state legislative appropriations |
| Roscoe Blvd. Outfall Improvements | Existing | St. Johns County | SJC Public Works | F | 2 years | Local | \$ 500,000 | Started as of 4/19/24 update |
| 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 | |
| Santa Rosa Drainage Improvements | Existing | St. Johns County | SJC Public Works | F | 1 year | CDBG-DR | \$ 4,600,000 | In-progress |
| 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 |
| Develop a comprehensive Vulnerability Assessment | New | St. Johns County | SJC External Affairs | F, SS, SLR | 2 years | FDEP Resilient FL | \$ 500,000 | expected to be done by mid/late 2024 |
| Develop a comprehensive Vulnerability Assessment | New | City of St. Augustine | COSA Public Works | F, SS, SLR | 2 years | FDEP Resilient FL | \$ 200,000 | expected to be done by mid/late 2024 |
| Develop a comprehensive Vulnerability Assessment | New | City of St. Augustine Beach | COSAB Public Works | F, SS, SLR | 2 years | FDEP Resilient FL | \$ 250,000 | expected to be done by mid/late 2024 |
| Fullerwood Drainage Study | Existing | City of St. Augustine | COSA Public Works | F, SS, SLR | 1 year | Local | \$ 50,000 | about to begin as of 11/7/23 |
| Back Bay Study | Existing | City of St. Augustine | COSA PW & USACE | F, SS, SLR | 2 years | USACE/Local | \$ 7,000,000 | in progress as of 11/7/23 - 1 year completed, completion date in 2028 |
| Adaptation Plan | New | St. Johns County | SJC External Affairs | F, SS, SLR | 2 years | FDEP Resilient FL | \$ 200,000 | in contract development |
| Adaptation Plan | New | City of St. Augustine | COSA Public Works | F, SS, SLR | 2 years | FDEP Resilient FL | \$ 100,000 | in contract development |
| Adaptation Plan | New | City of St. Augustine Beach | COSAB Public Works | F, SS, SLR | 2 years | FDEP Resilient FL | \$ 151,549 | in contract development |
| Wildfire Mitigation | | | | | | | | |
| Creating defensible 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 |
| Green Highlight - Funded (other) | | | | | | | | |
| Blue Highlight - Hurricane Irma HMGP Funding | Hurricane Ian 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 | | | | | | | | |

| Project | New or Existing Structure/ Infrastructure | Jurisdiction* | Responsible for Project Implementation** | Hazard**** | Project Time-Frame | Potential Funding Source | Estimated Project Cost | Project Status |
|---|---|---------------|--|------------|--------------------|--------------------------|------------------------|----------------|
| **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 2024 | | | | | | | | |

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 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 | Local | \$ 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 |
| Shores Unit 2 Ground Storage Tank & Pumping Facility Standby Generator | Completed | St. Johns County | SJC Utilities | H, HW, T, TR, D, FR | 1 year | HMGP | \$ 212,160.00 |
| South Ground Storage Tank & Pumping Facility Standby Generator | Completed | St. Johns County | SJC Utilities | H, HW, T, TR, D, FR | 1 year | HMGP | \$ 253,260.00 |
| Drainage Improvements at Porpoise Point | Completed | St. Johns County | SJC Public Works | | May 2022 | HMGP-Irma | \$ 321,741.00 |
| Flood Mitigation Improvements to St. Augustine Sanitary Sewer Pumping Stations | Completed | City of St. Augustine | COSA Public Works | H, SS, F | 3 years | 406/Public Assistance | \$ 14,000,000 |
| Improve Structural Resiliency - 28XX S. Ponte Vedra Blvd. | Completed | St. Johns County | Private Owners | H, SS, SLR | 2020 | homeowner | \$ 500,000 |
| Drainage Improvements at Avenue D | Complete | St. Johns County | SJC Public Works | F | 1 year | CDBG-DR | \$ 400,000 |
| Upgrade Signalization at US1 @ Shore Drive (Ponce Mall Entrance) | Complete | St. Johns County | SJC Public Works | H, HW | 3 years | HMGP | \$ 500,000 |
| Upgrade Signalization at US 1 @ Lewis Point Rd. | Complete | St. Johns County | SJC Public Works | H. HW | 3 years | HMGP | \$ 500,000 |
| Upgrade Signalization at Wildwood Drive and U.S. 1 | Complete | St. Johns County | SJC Public Works | H, HW, FR | 6 months | | \$ 500,000 |
| Deep Creek Master Drainage Study | Complete | St. Johns County | SJC Public Works | F | 1 year | State | \$ 500,000 |
| Drainage Improvements at Kings Road | Complete | St. Johns County | SJC Public Works | F | 1 year | HMGP | \$ 400,000 |
| Drainage Improvements at Masters Drive | Complete | St. Johns County | SJC Public Works | F | 1 year | Fed Grants/ Appropriations | \$ 150,000 |
| Drainage Improvement Fox Creek – Holmes Blvd | Complete | St. Johns County | SJC Public Works | F | 1 year | CDBG-DR | \$ 873,000 |
| Drainage Improvements at S. Orange St. | Complete | St. Johns County | SJC Public Works | F | 1 year | CDBG-DR | \$ 300,000 |
| Drainage Improvements at St. Augustine/Cypress Boulevard | Complete | St. Johns County | SJC Public Works | F | 1 year | CDBG-DR | \$ 1,300,000 |
| Drainage Improvements at St. Johns Avenue (Hastings) | Complete | St. Johns County | SJC Public Works | F | 1 year | CDBG-DR | \$ 600,000 |

| | | | | | | | |
|---|----------|------------------|------------------|---|-----------|-------------|--------------|
| Drainage Improvements at Winton Circle | Complete | St. Johns County | SJC Public Works | F | 1-2 years | Local | \$ 1,500,000 |
| Jack Wright Island Road Drainage Basin Improvements | Complete | St. Johns County | SJC Public Works | F | 1-2 years | Local | |
| Sunset Park Subdivision (Matanzas River/East Creek) Drainage study | Started | St. Johns County | SJC Public Works | F | 1 year | CDBG, Local | \$ 5,000 |

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 |
| Perform 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 |
| COSAB Public Works Critical Facility Generator | Existing | City of St. Augustine Beach | COSAB Public Works | All | did not meet BCA | 9/8/2022 |
| Drainage Improvements at North Beach | Existing | St. Johns County | SJC Public Works | F | phase 1 awarded - highly unlikely to meet BCA. Might need to be withdrawn | 12/28/2020 |
| Windstorm Mitigation of St. Augustine Beach City Hall, Police Station and Bldg. C | Existing | City of St. Augustine Beach | COSAB Public Works | H, HW, T | Building unable to be certified to high wind load. Project withdrawn from HMGP | 2022 |