



CITY OF ST. AUGUSTINE FLOOD RESILIENCE

2023: A Half Year in Review

The City of St. Augustine has been hard at work to remain resilient! Here is a summary of some of the City's 2023 highlights in resiliency to date.

Stormwater Program

The City's Stormwater Operations Crew routinely maintains the City's drains, culverts, and 103 tidal outfalls, as well as handles daily work orders and service requests. If you see a blocked storm drain please report it and include pictures when possible to: www.CityStAug.com/ReportFlooding or email Stormwater@CityStAug.com



PROJECT UPDATES

City Awarded 8 Grants for Flood Resilience

In 2022, the City was awarded over \$27 million for seven resilience projects and one study from the Florida Department of Environmental Protection's Resilient Florida Grant Program. See map below for a comprehensive overview of the ongoing resilience efforts in the City. Also, if your neighborhood isn't highlighted on the map, don't worry! The City Wide Tidal Backflow Project may include your area. You can learn more about the City's projects and studies at: www.CityStAug.com/Resiliency

Projects Map



Estimated Timeline 2023-2026

Project Map ID

1. Lake Maria Sanchez
2. South Whitney/West King Street
3. Inlet Drive Neighborhood
4. South Davis Shores
5. Court Theophelia
6. Avenida Menendez Seawall

City Wide Projects

- Tidal Backflow Prevention Program
- Groundwater Monitoring Network

City Wide Studies

- Back Bay Feasibility Study with the Army Corps of Engineers (Federal)
- Vulnerability Assessment Update (State Statute Requirement)

PROJECT DESCRIPTIONS

1. Lake Maria Sanchez Drainage Improvements will include the City's first Stormwater Pump Station, major stormwater infrastructure upgrades, installation of tidal backflow prevention, construction of a flood wall that will provide a higher level of flood protection for approximately 200 acres of the historic downtown. Learn More at www.CityStAug.com/LakeMariaSanchez
2. South Whitney/West King Street Drainage Improvements will include raising the road and replacing the box culvert to provide a higher level of flood protection
3. Inlet Drive Neighborhood Shoreline Stabilization will elevate and protect a section of shoreline that is subject to coastal erosion and will provide a higher level of flood protection.
4. South Davis Shores Drainage Improvements will address rainfall-driven flooding through upgrades to existing stormwater infrastructure
5. Court Theophelia Neighborhood Drainage Improvements will replace aged utilities and upgrade existing stormwater infrastructure
6. Avenida Menendez Seawall will involve rehabilitating portions of the existing seawall, installation of tidal backflow prevention and elevating a lower segment of seawall to match existing elevations located along the Municipal Marina in downtown St. Augustine
- Tidal Backflow Prevention Program will retrofit up to 20 of the City's stormwater outfalls that are tidally influenced to help mitigate nuisance flooding of the road infrastructure.
- Groundwater Monitoring Network will be installed to accurately measure rates of change in current shallow groundwater elevation and water quality



Resiliency Review

June 2023

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Back Bay Feasibility Study with the Army Corps of Engineers

On January 9, 2023 City officials signed an agreement with the Army Corps of Engineers to begin a Coastal Storm Risk Management (CSRM) Federal Feasibility Study. This study will investigate coastal storm impacts on the City and identify solutions to reduce damages that will benefit the community as future projects are designed to mitigate flooding. The City will utilize American Rescue Plan Act (ARPA) funds for its cost share match with the Army Corps of Engineers. Once complete, the study will allow the City to qualify for federal funding opportunities for future flood mitigation projects.



Please visit
www.CityStAug.com/BackBay
for more information

Monthly Project Delivery Team Progress Meetings for the Back Bay Feasibility Study are virtual and open to the public.

All meetings are scheduled for
1:00PM-2:30PM

Virtual Meeting Room link:
<https://usace1.webex.com/meet/jason.s.harrah>

Upcoming dates for 2023 are as follows:

Thursday, July 20
Thursday, August 17
Thursday, September 21
Thursday, October 19
Thursday, November 16
Thursday, December 21

2023 Flood Mitigation Assistance Program



On May 3, 2023 the City held a FEMA Flood Mitigation Assistance (FMA) grant program workshop. This program is a resource provided to the City meant to reduce or eliminate the risk of repetitive flood damage to buildings and structures insured under the National Flood Insurance Program (NFIP). To qualify, residents must have NFIP backed insurance no later than August 31, 2023. The FMA Program is a nationally competitive annual FEMA grant program. Applications will be due in October of 2023. Prioritization is given to those structures listed as Severe Repetitive Loss and Repetitive Loss which is determined by FEMA. More workshops will be scheduled in the fall. To learn more, please email FMA@citystaug.com or visit www.CityStAug.com/FMA

Resiliency Resources

Visit us online at
www.CityStAug.com/Resiliency

- Residential Site Visits
 - Neighborhood Meetings
 - Informational Presentations
 - Maintenance Service Requests
- Please contact us for more information!

2023 Hurricane Season Preparedness

June 1 marked the first day of hurricane season!

- Know your Flood Zone and plan your evacuation route
- Make preparations BEFORE the storm
- Check the weather forecast regularly and be aware of high tides
- Text **StAugAlerts** to **888777** to receive emergency alerts from the City directly
- St. Johns County Emergency Operations Center Phone Number **(904) 824-5550** or visit www.SJCEmergencyManagement.com for more information

Find the most local, current, and accurate information by following the City, Fire Department, Police Department, Municipal Marina, and follow the St. Augustine WeatherSTEM on Facebook and Twitter.

www.CityStAug.com/Resiliency | 904.825.1040 | Stormwater@CityStAug.com