

APALACHICOLA'S GRANT HORIZON: YOUR
PROJECTS-YOUR FUTURE-OUR FOCUS



**Investing in Utility
Infrastructure: Wastewater
Treatment Plant Phase I**

Florida's Department of Environment Protection contracted with the City to demolish and replace the headworks structure, screening and grit removal equipment, and in-plant and plant drain pumping stations. A new electrical building will be constructed with the facility being relocated out of the current flood zone. The contract has been given to North Florida Construction and work is underway with an estimated completion date of 2028. This project will be a comprehensive overhaul of the City's wastewater system, focusing on resilience, capacity, and environment.

WATER & SEWER QUALITY IMPROVEMENT INITIATIVES

**CITY WELL REHABILITATION AND MAINTENANCE-
*Completion scheduled for January 2026***

The City nears completion of a municipal water project using Subsurface Technologies through the CDBG program operated by the Department of Commerce. Advanced techniques using Aqua Feed CO2 Injections, down-hole cameras, and new pump/motors are being used to recondition Wells 5 & 6, dramatically improving flow and capacity, clearing mineral buildup/biofouling, and restoring the aquifer's natural connection and efficiency, showcasing a significant upgrade in water infrastructure management. This cleaning process removed obstructions, allowing cameras to see 400+ feet, confirming the aquifer's natural pores were reopened. The combined cleaning and new equipment maximized the well's sustainable yield capacity and ensured reliable water supply for the residents of Apalachicola. Well 7 is beginning the rehabilitation process with full completion scheduled for January 2026.



PORTABLE WATER STUDIES-Completed

This Rural Infrastructure Fund grant was completed and assessed existing water supply and treatment. The study proposed alternatives to improve water quality while protecting Apalachicola's Bay from pollution. Results of the study are being used for water treatment improvements and for future grant requests.

MARKET STREET VACCUM STATION-In Progress

The City received funding for the design of a new vacuum sewage station located at the intersection of Market Street and Avenue G. The project design and State approval were completed, and procurement and construction will begin pending FEMA approval. This project is part of the overall wastewater infrastructure upgrades for the historic downtown commercial district in Apalachicola.

IGA AND ELLIS VAN FLEET LIFT STATIONS-In Progress

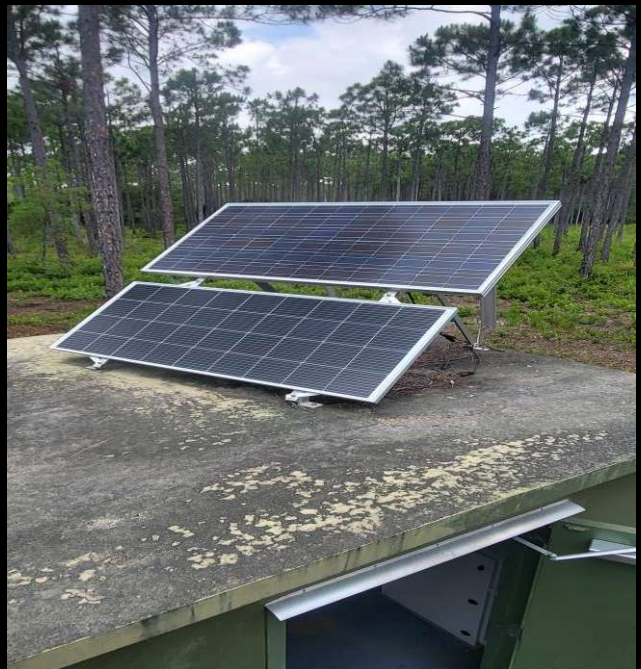
Using the Apalachicola Stewardship Act funding under the Apalachicola Bay Area of Critical State Concern (ACSC) to improve water quality, the City has executed a contract with Monolith Construction to repair and rebuild two specific lift stations previously identified as "CRITICAL" in 2023 due to existing corrosion and functionality issues. These projects are part of the ongoing effort to upgrade the wastewater infrastructure and prevent future backups and overflows. New generators will be purchased and installed at each lift station to ensure continuity of services.

INFLOW & INFILTRATION STUDY-Completed

A State Appropriation funded the infiltration and inflow study that assessed local sources of surface water and/or groundwater prior to entering a sewage system. Smoke testing, dye testing, and visual inspections were used to locate structural defects or water stains to summarize existing data pertinent to the hydrologic conditions and hydrogeology in the study and surrounding area. Dewberry Engineering is compiling a final report that will reflect areas in need of repair.

SPRAYFIELD & SOLAR PROJECT-Completed

Apalachicola's "Spray Head and Solar Panels" project is part of a larger effort to upgrade the city's Wastewater Treatment Plant, focusing on crucial equipment including solar panels, spray heads for the treatment field, pumps, and related infrastructure. This equipment will improve water quality, meet environmental standards, and reduce energy costs.



STORMWATER DRAINAGE & FLOOD MITIGATION PROJECTS



AVENUES STORMWATER REPAIR PROJECT-*In Progress*

This significant infrastructure upgrade is funded, by CDBG-DR, and was awarded to Hinterland Construction who began implementation on 12/8/25. The initiative will improve the city's drainage by cleaning, videoing, hardening and repairing stormwater systems & pipes along Avenues A through I, 5th St, 6th St, Water St, and Battery Park Outfall to reduce flooding.

STORMWATER & DRAINAGE ANALYSIS-*Completion scheduled for January 2026*

A Rural Infrastructure Fund project was implemented to complete a Phase II drainage basin analysis through camera work on stormwater lines identifying deficiencies needed to plan water quality treatment at outfalls discharging into the Apalachicola River and Bay. The City will prioritize repairs where localized flooding is present upon release of the final report by Dewberry.

COMPREHENSIVE VULNERABILITY ASSESSMENT and ADAPATION PLAN-*Completed*

The City and Resilient Florida conducted this project as an update to the City's 2017 Vulnerability Assessment. The assessment determined the impact of sea-level rise, storm surge, and rainfall flooding. Impacts of flooding were mapped over a planning horizon that extends to 2070 with critical assets, vulnerable infrastructure, and historic properties being identified. Following the 2025 Vulnerability Assessment, the City prepared an infrastructure plan for flood protection using public and stakeholder engagement. The Adaptation Plan was presented to the Commission and Public on 12/2/25 and is the next step toward mitigating challenges experienced from storm flooding, projected surge and sea level rise.

RESILIENT FLORIDA-CRITICAL ASSET FLOOD MANAGEMENT-*In Progress*

The City contracted with Inovia in March 2025, to identify drainage projects in the city and repair known nuisance flooding drainage issues in 29+ locations throughout the city. The City's Critical Asset Flood Mitigation Projects include the replacement and retrofit of pipe systems at multiple roadway intersections, addition of inlets, pipes, water quality vaults, crown reconstruction, and construction of roadway conveyance systems. Mapping the drainage issues is complete and repairs begin early in 2026.

STORMWATER PIPE RELINING & BACKFLOW DEVICES-*Completed*

A State Appropriation was awarded to repair damaged pipe joints throughout the City. Repairs have been completed by the City and Jason White Construction performed additional exploration work revealing future work areas that will need additional funds for completion.

APALACHICOLA SEWER UPGRADE COLLECTION SYSTEM-*In Progress*

Using the Apalachicola Stewardship Act funding under the Apalachicola Bay Area of Critical State Concern (ACSC) to improve water quality, Flo-Vac Technology uses vacuum pressure, not gravity, to move sewage to a central station. This is ideal for difficult terrain as wastewater flows to a collection pit, a sensor triggers a valve when full and suction pulls waste, plus air, through sealed pipes to a pump station, which then pumps it to treatment.

