



CITY COMMISSION ORDINANCE/RESOLUTION

TITLE: Resolution 25-52 (Administration/Finance/Utilities)

DATE: August 26, 2025

DESCRIPTION: A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF COOPER CITY, FLORIDA, APPROVING AND AUTHORIZING THE CITY MANAGER TO PURSUE AND EXECUTE A GRANT AGREEMENT WITH THE STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP) FOR THE RESILIENT FLORIDA GRANT PROGRAM; APPROVING A LOCAL MATCH REQUIREMENT EQUAL TO FIFTY PERCENT (50%) OF THE TOTAL PROJECT COST; AUTHORIZING THE CITY MANAGER TO ACCEPT THE GRANT FUNDING AND TAKE ANY AND ALL ACTION NECESSARY TO EFFECTUATE THE INTENT OF THIS RESOLUTION; PROVIDING FOR CONFLICTS; PROVIDING FOR SEVERABILITY; AND PROVIDING AN EFFECTIVE DATE.

CITY MANAGER RECOMMENDATION:

The City Manager recommends approval of this Resolution to authorize Grant applications for the Florida Department of Environmental Protection (DEP) Resilient Florida Grant Program to assist in funding priority projects identified in the City of Cooper City Vulnerability Assessment (VA), and if funded, to authorize the City Manager to accept the award of grant funds, execute the grant agreements, expend budgeted funds including a cost-share match equal to fifty percent (50%) of the total project costs, and take all necessary steps to implement the terms and conditions of the grant agreements.

BACKGROUND OF ITEM:

On May 12, 2021, Senate Bill 1954 was signed into law, establishing the Resilient Florida Grant Program within the Florida Department of Environmental Protection (DEP). This comprehensive legislation ensures a coordinated approach to Florida's coastal and inland resilience. The Program enhances DEP's efforts to protect Florida's inland waterways, coastlines, and shores, which serve as invaluable natural defenses against sea level rise. The legislation is one of the largest investments to prepare Florida communities for the impacts of sea level rise, intensified storms, and flooding.

- The Resilient Florida Grant Program includes a selection of grants that are available to counties, municipalities, special districts, and regional resilience entities. To effectively address the impacts of flooding and sea level rise that the State faces, eligible applicants

may receive funding assistance to analyze and plan for vulnerabilities, as well as implement projects for adaptation and mitigation as follows:

- **Planning Projects:** Funding to perform a Vulnerability Assessment (VA) pursuant to Section 380.093, Florida Statutes.
- **Implementation Projects:** Funding for implementation projects, after conducting a Vulnerability Assessment (VA), that demonstrate a risk of flooding or risks due to sea level rise to a critical asset or the project area.

In 2022, the City submitted a Grant Application, under the Resilient Florida Grant Program Planning Projects category, to perform a Vulnerability Assessment (VA). The City was awarded Grant funding in the amount of \$170,000 to complete the VA. The City contracted a consulting firm to complete the City of Cooper City Vulnerability Assessment. The City's VA was completed in 2025 and adopted by the City Commission via Resolution 25-36.

The DEP application period for the Resilient Florida Grant Program is now open. The City may apply under the Implementation Projects category to pursue funding for critical assets identified in the City's VA. The application process is competitive, and documentation is required for applicants to be awarded points for specific criteria. In addition, a 50% cost share is required under the Implementation Projects category.

ANALYSIS:

The City Manager recommends approval of this Resolution to authorize Grant applications for the Florida Department of Environmental Protection Resilient Florida Grant Program to assist in funding priority projects identified in the City of Cooper City Vulnerability Assessment (VA), as follows:

1) Cooper City Water Treatment Plant (WTP) and Wastewater Treatment Plant (WWTP) Electrical System Project

- a. **Project Description and Need:** The WTP and WWTP share a single Electrical System. The existing Electrical System, switchgear, and diesel engine generator are at the end of their useful life and cannot support the City's current needs or future capacity. This Project involves the construction of a new Electrical System, generator, and building (facility) to support uninterrupted operations and the mitigation of flooding and erosion. The Project is prioritized in the Cooper City Water and Wastewater Master Plan. The Design Phase for this Project is scheduled to commence in FY2026.
- b. **Estimated Design Cost:** \$4,140,000 – Design Phase commencing in FY2026.
- c. **Estimated Construction Costs: \$20,620,000 (*Construction Costs subject to change and influenced by the Design Phase)**
 - i. **Resilient Florida Grant Request:** \$10,310,000 to assist in funding the Construction Phase of this Project.
 - ii. **Cost Share:** \$10,310,000 to assist in funding the Construction Phase of this Project.

1. A FY2027 Community Project Funding (CPF) Federal request is recommended for submission next year to assist in funding the Construction Phase of this Project.

2) **Cooper City Wastewater Treatment Plant (WWTP) New Headworks Facility Project**

- a. **Project Description and Need:** The headworks process is the initial treatment process for removing bulky solids in wastewater treatment. Currently, the Cooper City Wastewater Treatment Plant (WWTP) lacks a headworks facility, leading to frequent operational challenges, especially during high inflow periods. Without dedicated headworks, debris such as rags and other materials accumulate in the surge tanks, significantly reducing their capacity and efficiency. The introduction of a headworks facility is crucial to remove these materials early in the treatment process, thus protecting the infrastructure, enhancing operational reliability, and safeguarding community health and the environment. The intent of the Headworks Project is directly tied to enhancing the Plant's capacity to manage increased flows during high rain events and or floods. Currently, during heavy rainfall, the system becomes overwhelmed, leading to backups at WWTP which creates a chain reaction that results in surcharging at lift stations and sanitary sewer overflows. The new Headworks Facility is a critical component to increasing resilience and improving WWTP's ability to manage storm-related inflow. This Project is prioritized in the Cooper City Water and Wastewater Master Plan. The Design Phase for this Project commenced in FY2025.
- b. **Estimated Design Cost:** \$800,000 – Design Phase is in process.
- c. **Estimated Construction Costs: \$7,000,000 to \$11,850,000 (*Construction Costs subject to change and influenced by the Design Phase)**
 - i. **Resilient Florida Grant Request:** \$3,500,000 to \$5,925,000 to assist in funding the Construction Phase of this Project.
 - ii. **Cost Share:** \$3,500,000 to \$5,925,000 to assist in funding the Construction Phase of this Project.
 1. **FY2026 Community Project Funding (CPF) Federal Request and Award at \$1,300,000.** A FY2026 CPF Request was submitted to Congresswoman Debbie Wasserman Schultz to assist in funding the Construction Phase of this Project. Funding in the amount of \$1,300,000 is estimated for award from this Request.

3) **Cooper City Gravity Sewer and Manhole Assessment and Rehabilitation Project**

- a. **Project Description and Need:** According to the City's Water and Wastewater Master Plan, GIS data shows approximately 17 miles of piping in the gravity sewer system were installed on or before 1975. These lines, predominantly of vitrified clay construction, exceeded 50 years of service in 2025. Furthermore, an additional 5.2-20.8 miles of gravity sewer lines will approach/exceed 50 years of service every five years from 2025 to 2045. Therefore, the Master Plan recommends a phased approach to replace, or rehabilitate, the gravity sewer lines system. The current condition of the pipes allows ground water into the system, expanding flows and contributes to sanitary sewer overflows from manholes and

lift stations, affecting surface water quality. The City successfully secured FY2024 CPF Funds for the Gravity Sewer Line Rehabilitation Inflow and Infiltration Correction Project (\$959,757) and FY2024-25 State Appropriation funding for the Phase 1 Project (\$700,000). The proposed Project will continue the work and includes the assessment and rehabilitation of the most critical sewer lines identified as high-risk for leaks and flooding overflows.

b. **Estimated Construction Costs: \$7,500,000**

- i. **Resilient Florida Grant Request:** \$3,750,000 to assist in funding the Construction Phase of this Project
- ii. **Cost Share:** \$3,750,000 to assist in funding the Construction Phase of this Project

STRATEGIC PLAN:

This Resolution supports the City's Strategic Priority and Goal #1-Financially Sustain Cooper City as "Someplace Special," by increasing the City's financial strength through innovative thoughts and actions, while being mindful of the fiscal impact on residents. In addition, the Resolution directly meets the Strategic Objective to further diversify and increase the City's revenue sources to reduce reliance on property tax revenues. Furthermore, the Resolution supports the Strategic Priority #4-Citywide Revitalization to maintain and improve the City's infrastructure and appearance to support and ensure a sustainable and beautiful environment.

FISCAL IMPACT:

Assuming the City is awarded the \$10,310,000 Resilient Florida Grant for its Water Treatment Plant (WTP) and Wastewater Treatment Plant (WWTP) Electrical System Project, there will be a \$10.310M match requirement (50%). This match has been budgeted for in the City's FY2027 Budget in Fund 453 (Water & Sewer CIP Projects) in line item 453-950-600000-003-PLESU.

Assuming the City is awarded the \$3,500,000 up to \$5,925,000 Resilient Florida Grant for its Wastewater Treatment Plant New Headworks Facility Project, there will be a \$3.5M to \$5.925M match requirement (50%). This match has been budgeted for in the FY2026 proposed Budget in Fund 453 (Water & Sewer CIP Projects) in line item 453-931-563440-535-WWTTPR.

Assuming the City is awarded the \$3,750,000 Resilient Florida Grant for its Gravity Sewer and Manhole Assessment and Rehabilitation Project, there will be a \$3.75M match requirement (50%). This match has been budgeted for in the FY2026 proposed Budget in Fund 453 (Water & Sewer CIP Projects) in line item 453-930-563610-535-WS003.

ALTERNATIVES:

N/A.

ATTACHMENTS:

Resolution 25-52