



155 F Road Loxahatchee Groves, FL 33470

**TO: Town Council of Town of Loxahatchee Groves**

**FROM: Francine Ramaglia, Town Manager**

**DATE: October 1, 2024**

**SUBJECT: Resilient Florida Project Work Plan Status and Update**

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**Background:**

In August 2023, the Town entered an agreement between the Town and the State of Florida Department of Environmental Protection and is required by the State to use the \$350,000 in the Resilient Florida Planning Grant for a Resiliency Vulnerability Assessment. Randy Wertepny of Keshavarz & Associates provided details of the Resilient Florida Grant and associated Work Plan which has been implemented this year by Keshavarz & Associates and by Engenuity Group.

It's a collaborative effort from local through state levels for storm preparation, response, and recovery planning and system improvements. A Steering Committee from local agencies has been assembled to assist with the guidance conducting the assessment and implementation of the recommendations. Public input will solicited within two sets of public outreach meetings, the first of which will occur on October 17 and 19, 2024 for input on critical assets, focus areas and historical drainage concerns.

In addition to collecting long-needed system and infrastructure information, the project's deliverables provide the backbone data for outlining our current conditions and challenges and provides a practical, functional framework for establishing plans, programs and projects to address them.

For instance, this project will:

- Provide hydraulic modeling results for existing pipes and channels and identify restrictions leading to washouts, probable locations of overflows, or other drainage system failure. A field assessment of each pipe will help log its condition, amount of blockage, and immediate repair needs and set the baseline for future inspection cycles.
- Create a template that for a maintenance activity log, scheduling inspections and cleanings, and planning replacements. The stormwater model is a scientific tool that can be used to mathematically evaluate upgrades and replacements before the money is spent to install them, preventing fixes that don't generate the wanted result and reducing duplication of expenses.
- Demonstrate the need for and support applications for future funding through Resilient Florida and other grant programs.

As part of this project

Our engineers and staff will provide an update on activities to date as well as upcoming milestones and target dates.

**Recommendation:**

Receive and file