



155 F Road Loxahatchee Groves, FL 33470

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

**FROM: Francine Ramaglia, Town Manager**

**DATE: May 21, 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 is required by the State to use the \$350,000 in Resilient Florida Grant funding 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 level for storm preparation, response, and recovery planning and improvements. 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 sets a baseline for how we can establish plans, programs and projects to address them.

For instance, this project will:

- Provide hydraulic modeling results for existing pipes and channels. This identifies hydraulic weak points where banks might washout, channels might overflow, or pipes might be restricting flow. 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 can be tailored in the future for creating a maintenance activity log, scheduling inspections and cleanings, and planning replacements. The stormwater model is a scientific tool that can be used to test out upsizing, upgrades, and replacements before the money is spent to install them cutting down the chance of paying for fixes that don't really improve a situation, or duplicating expenses when a single fix at the right location would be enough
- Demonstrate the need and supports applications for future funding through Resiliency Florida and other agency programs.

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

**Recommendation:**

Receive and file

