



Construction Committee

Greater Pine Island Association Presentation

June 20, 2023

\$1.1B HURRICANE RECOVERY FUNDS TO LEE COUNTY

\$1.1 billion are state funds given to Lee County. Lee County will disperse the funds based on needs. Needs fall into three categories low income housing, moderate income housing, and infrastructure.

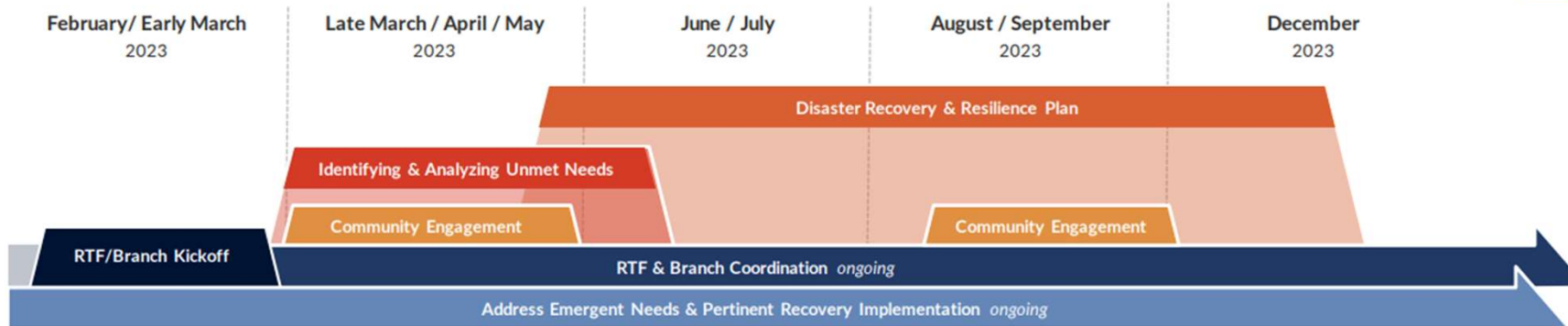
Construction committee focusing on the infrastructure category as it affects all islanders.

Creating a master list of projects that fall within the infrastructure



RESILIENT LEE TIMELINE

High Level Process for Long-term Recovery Planning



RTF / Branch Kickoff

Establish the working structure for RTF and launch branches. Identify immediate needs and goals to address.

Launch website.

RTF & Branch Coordination

Identify recovery objectives; inform impact and needs assessment; establish projects; incorporate community's priorities; inform long term planning; oversee recovery plan implementation.

Identifying & Analyzing Unmet Needs

Hurricane Ian storm impact analysis, and a cursory look at outstanding needs that will begin to shape recovery priorities.

Community Engagement*

Comprehensive community outreach to inform and validate needs, identify solutions, and validate planning.

Hurricane Ian Disaster Recovery & Resilience Plan

A framework for Lee County's recovery from Hurricane Ian, including prioritized projects, funding sources, and key stakeholders.

Emergent Needs & Pertinent Recovery Implementation

Conduct recovery operations and manage recovery funding streams: short-term, intermediate, long-term.

RTF is forum to identify emergent and time sensitive needs and identifying best path forward.



PROJECTS SUBMITTED

Initiative: Facilitating Post Storm Recovery

Initiative Category: Emergency Services Locations

Projects:

- Have plan to bring grocery store staff (Publix and Winn Dixie) to Pine Island , if the causeway is impassable, to open the grocery stores after a storm.
- Have a plan to bring fuel station staff (7-11) to Pine Island, if the causeway is impassable, to open fueling stations after a storm.



PROJECTS SUBMITTED

Initiative: Facilitating Post Storm Recovery

Initiative Category: Public Safety

Projects:

- Having hurricane proof buildings to house critical infrastructure equipment such as fire trucks, front loaders, track hoes, etc. so they can survive the hurricane and be ready for use after the storm passes. Hurricane proof storage buildings would also reduce burden on insurance companies.
- Having a thought-out plan for where the Sheriff, Fire Dept., Army Corp, FDEM, FEMA, food bank, water, bank etc. will be stationed after a disaster.
- Outfit churches or businesses with a generator and temporary cell phone connection to allow residents of **BOKEELIA** on Pine Island to communicate to the outside world, get air conditioning, water, food, and news.
- Outfit a church or business with a generator and temporary cell phone connection to allow residents of **SAINT JAMES CITY** on Pine Island to communicate to the outside world, get air conditioning, water, food, and news.
- Outfit churches or businesses with a generator and temporary cell phone connection to allow residents of **CENTER** on Pine Island to communicate to the outside world, get air conditioning, water, food, and news.
- Outfit churches or businesses with a generator and temporary cell phone connection to allow residents of **MATLACHA** to communicate with the outside world, and get air conditioning, water, food, and news.



PROJECTS SUBMITTED

Initiative: Facilitating Post Storm Recovery

Initiative Category: Public Safety

Projects:

- Design and construct a Greater Pine Island Recovery Center. The facility will be set above flood elevations and include storage space for equipment to be used after the disaster, a safe room, generators, communications equipment, and other hardening efforts to allow the island to accommodate Army Corp, FDEM, FEMA, Sheriff's Dept, Fire Dept., and not for profits assisting in recovery after future disasters. Throughout the year when not used directly for disaster recovery, it can house not-for-profits located on the island dedicated to long-term recovery or humanitarian concerns. It can also be used for town hall meetings and community collaboration workshops.
- Construct a TEMPORARY Greater Pine Island Recovery Center while the permanent Recovery Center is in design and construction. Design and construction of the permanent Recovery Center will likely take 4-5 years. A TEMPORARY Recovery Center could be constructed out of retrofitted land/sea containers, in less than a year. The temporary facility will be set above flood elevations and include storage space for equipment to be used after the disaster, generators, communications equipment, and other hardening efforts to allow the island to accommodate Army Corp, FDEM, FEMA, Sheriff's Dept, Fire Dept., and not for profits assisting in recovery after future disasters. Throughout the year when not used directly for disaster recovery, it can house not-for-profits located on the island dedicated to long-term recovery or humanitarian concerns. It can also be used for town hall meetings and community collaboration workshops.



PROJECTS SUBMITTED

Initiative: Redundancy of Critical Infrastructure

Initiative Category: Communications

Projects:

- Provide three Starlink units to GPIA for communications after disasters.
- Establish or reuse an old radio station antenna for emergency communications after a disaster. Tower can broadcast news reports on the hour to the local residents to help in the dissemination of news. Tower could also serve as a repeater to allow the use of walkie-talkies at longer distances, in the general area.



PROJECTS SUBMITTED

Initiative: Redundancy of Critical Infrastructure

Initiative Category: Generators

Projects:

- Provide a generator at Pine Island health clinic (located at CENTER) so it can operate after a disaster.
- Install more natural gas storage capacity and distribution facilities on the island to allow generators refueling.
- Install diesel storage capacity on the island to allow for generator and vehicle refueling.
- Provide two FDOT rated generators, with cable sets, to be moved to locations as necessary to facilitate electrical power as necessary in support of critical infrastructure on Pine Island and Matlacha.



PROJECTS SUBMITTED

Initiative: Redundancy of Critical Infrastructure

Initiative Category: Transportation Improvements

Projects:

- For locations that are only accessible by a single road\causeway (Sanibel, Captive, Pine Island, Matlacha, and Boca Grand) should have multiple dedicated ports for marine access to transport people, supplies, equipment, etc. Post-storm debris needs to be removed from predetermined ports and waterways and regular boat service setup.
- For locations that are only accessible by a single road\causeway (Sanibel, Captive, Pine Island, Matlacha, and Boca Grand) should have multiple dedicated airports or helicopter landing pads for aerial access. Post-storm debris needs to be removed and regular service helicopter or plane access setup. Access could be via interlocal agreements with existing sites, for example, Lee County Mosquito Control airfield at Pine Island CENTER.



AOC PROJECT TIMELINE

	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC
2023												1
2024	1	1	2	3, 4	3, 4	3, 4	3, 4	4, 5	4, 5	4, 5	4, 5	4, 5
2025	4, 5	4, 5	4, 5	6	6	7	7	8	9	9	9	9
2026	9	9	9	9	9	9	9	9	9	9	9	9
2027	9	9	9	9	9							

1. Advertise for site survey and design services
2. Contract with site survey and design services team
3. Site survey
4. Design
5. Permitting
6. Bid package creation
7. Advertise for construction
8. Contract with construction contractor
9. Construction



PHASED WORK

Phase-1, 2023 Hurricane Season

Phase-2, 2024, 2025, and 2026 Hurricane Season, focus is on a temporary AOC.

Phase-3, 2027 Hurricane Season and after, a permanent AOC in place and other permanent projects.



PHASE-1, 2023 HURRICANE SEASON

1. On island radio station to broadcast communications.
 1. Radio station would broadcast island specific news at set intervals after storm to disseminate information to islanders after a hurricane.
 2. Different groups on the island for example GPIA, GPIWA, and MPIFCD would be given different frequencies to use for communication after a hurricane.
2. Emergency power to Dr's office
3. Emergency power to temporary 2023 AOC
4. Mobile Starlink stations
5. Others?

