

DRAFT GPIA RESILIENT LEE PROJECTS

6/20/2023

Initiative	Initiative Category	Project Description
Facilitating Post Storm Recovery	Emergency Services Locations	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.
Facilitating Post Storm Recovery	Emergency Services Locations	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.
Facilitating Post Storm Recovery	Public Safety	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.
Facilitating Post Storm Recovery	Public Safety	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.
Facilitating Post Storm Recovery	Public Safety	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.
Facilitating Post Storm Recovery	Public Safety	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.
Facilitating Post Storm Recovery	Public Safety	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.
Facilitating Post Storm Recovery	Public Safety	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.
Facilitating Post Storm Recovery	Public Safety	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.

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Facilitating Post Storm Recovery	Public Safety	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.
Facilitating Post Storm Recovery	Communications	Have a plan to get communication\telecom staff (Century Link, Embarq, AT&T, etc.) to Pine Island, if the causeway is impassable, to fix their infrastructure after a storm and man their facilities.
Facilitating Post Storm Recovery	Communications	Require communication\telecom providers to mobilize and bring temporary cell phone towers and Wi-Fi stations Pine Island after a disaster to facilitate communications for the public.
Redundancy of Critical Infrastructure	Communications	Provide three Starlink units to GPIA for communications after disasters.
Redundancy of Critical Infrastructure	Communications	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.
Redundancy of Critical Infrastructure	Generators	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.
Redundancy of Critical Infrastructure	Generators	Provide a generator at Pine Island health clinic (located at CENTER)so it can operate after a disaster.
Redundancy of Critical Infrastructure	Generators	Install more natural gas storage capacity and distribution facilities on the island to allow generators refueling.
Redundancy of Critical Infrastructure	Generators	Install diesel storage capacity on the island to allow for generator and vehicle refueling.