



Priority Island-Wide Projects

FIRE ISLAND

- Create a mechanism for enhanced communication, collaboration and regional planning among the many Fire Island interests and the Long Island mainland

CONVENE A FIRE ISLAND PLANNING FORUM



Fire Island is a unique place in New York State due to the interrelated communities and governmental jurisdictions from the Village level to Federal level that coexist on the Island. The NYRCR process has provided a mechanism for enhanced communication on a regular basis among these entities and advanced their dialogue and level of cooperation on important issues facing the island, which require balancing human and environmental concerns. The Committee proposes to

continue this dialogue by convening a Fire Island Planning Forum that would meet regularly and would include Hamlets of Fire Island, Fire Island National Seashore and representatives of Federal, State, County, Town and Village governments, businesses, transportation providers, emergency responders, utilities and all other appropriate entities.

- Investigate funding mechanisms to increase resiliency

EMPLOY RECOVERY MANAGER/GRANT SPECIALIST(S)



The Committee adopted a regional approach to the priority projects, recognizing that there were many more projects that affected one or a group of communities, with funding needs running into millions of dollars. The Committee seeks to hire one or more Recovery Manager/Grant Specialists with experience in funding for public and private mitigation projects, grant writing, and federal/state grants management. The Specialist(s), would increase access to hazard

mitigation and other funding by seeking out and applying for grants for Village and Hamlet facilities/infrastructure, as well as manage the grants to ensure compliance.



Priority Island-Wide Projects

FIRE ISLAND

- Enable municipalities to track structures, damage to structures, and permits

ENHANCED GIS EMERGENCY MANAGEMENT SYSTEM

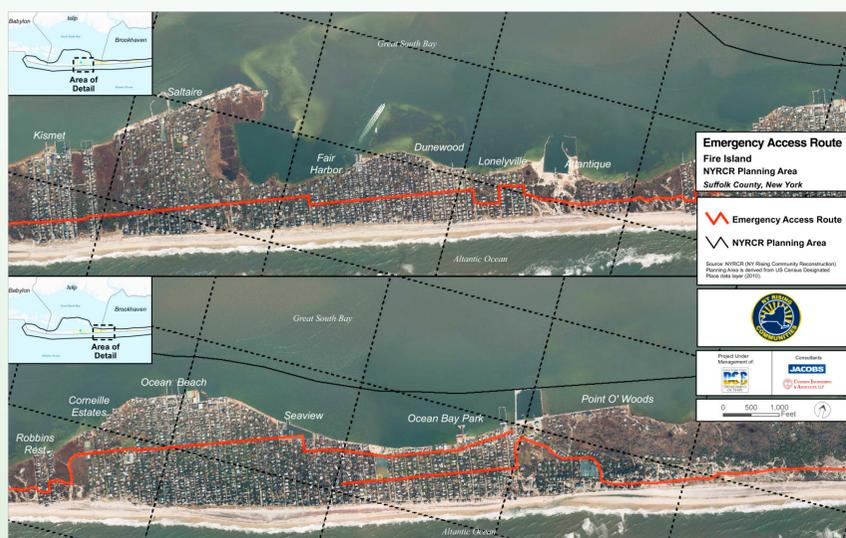


This project would fund an enhanced Geographic Information System (GIS)-enabled program for the Towns of Islip and Brookhaven to improve planning, response and recovery from severe storm events. The system would track incoming reports of flooding, damages, utility outages, and medical emergencies and enable rapid and efficient deployment of resources. Tracking costs and resources would allow the Towns to document and report

actual costs to FEMA and the State for quick reimbursement. The system could receive data from remote devices like tablets or smart phones in real-time. The system would catalogue and manage all known addresses for Fire Island properties in order to improve emergency response time and accuracy.

- Maintain safe access to all communities

MAINTENANCE OF EMERGENCY ACCESS ROUTE



A well-maintained and safe route for emergency vehicles is a necessity for all of Fire Island. There are several distinct sections of the primary emergency access route on Fire Island, all in various levels of disrepair. Previous maintenance done on the emergency access route has deteriorated or been destroyed by Superstorm Sandy. Project elements may include some berm construction or

sandbagging to protect against ocean flooding, reinforcing compromised surface conditions and filling large potholes with aggregate. The emergency access route is a critical asset to the entire Fire Island community as it represents the primary evacuation route for Fire Island.



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- Enhance communications

SATELLITE EMERGENCY COMMUNICATION SYSTEM AND RADIO COMMUNICATION UPGRADE



During and after Hurricane Irene and Superstorm Sandy, consistent and reliable communication among emergency responders was a major challenge for Fire Island communities. To mitigate this issue in the event of future storms, a satellite system would be installed in all of the fire houses and allow emergency responders the ability to establish broadband Internet and phone access across the Island. The satellite

system would set up a wireless hotspot to enable use of phones, tablets or laptops, and would include VoIP phones. The two radio repeaters of the Island Wide Radio System would also be replaced.

- Ensure emergency responders have appropriate access and equipment to address all hazards

AIR COMPRESSOR

This project would purchase an air compressor to be housed at the Kismet Fire Department and available to all other Fire Departments. The air compressor is used to refill used breathing apparatus worn by firefighters during all structural fires. The equipment would be beneficial to all departments, particularly those on the west end of Fire Island.

BACK-UP POWER GENERATION FOR CRITICAL FACILITIES



Fire Island needs to ensure that back-up power is available for all critical facilities in the event of a power outage during an emergency. The first step would be to evaluate which facilities need generator equipment, either as new installations or replacements. Critical facilities would include government buildings, fire stations, and water and wastewater infrastructure. Generators would then be purchased and installed.



Priority Island-Wide Projects

FIRE ISLAND

- Develop a comprehensive bayside shoreline management strategy

ENGINEERING AND DESIGN STUDY FOR BAYSIDE SHORELINE MANAGEMENT WITH REGULATORY COORDINATION AND PILOT PROJECTS (PHASE I)



One of the largest concerns of the Committee is protection of the bay side of the barrier island. The committee acknowledges the Fire Island Inlet to Montauk Point (FIMP) project as the appropriate mechanism to provide ocean front protection but believes that the bay side is lacking in similar protective strategy, particularly in consideration of rising sea level and more frequent and powerful storms.



This project would require a coordinated effort among the Towns of Islip and Brookhaven, the Incorporated Villages of Ocean Beach and Saltaire, the USACE, the NYSDEC, the NYSDOS and the Fire Island National Seashore and would include an engineering and design study to assess the feasibility of different natural infrastructure, as well as hard structure stabilization solutions for

the unique conditions along the shoreline of Fire Island's communities. The project would include several pilot projects that would address different types of shoreline deficiencies that could be evaluated for effectiveness and then replicated across the island where similar conditions exist. Another desired outcome of the project would be expedited permitting of the pilot and replicated projects.



Priority Island-Wide Projects

FIRE ISLAND

- Make docks more resilient

FREIGHT AND PASSENGER DOCK REPAIRS AND IMPROVEMENTS (PHASE I)

This project would allow for the repair of freight and passenger docks to enhance emergency access via boat and increase the accessibility of residents and visitors to needed resources. The docks can also replace some of the vehicle transfer of equipment, materials and solid waste with marine transfer. The docks on Fire Island were substantially damaged by Superstorm Sandy. The docks are used for evacuation prior to storms, to bring over firefighters from the mainland when need to support fire fighters on Fire Island, to remove debris after storms, to remove solid waste from Fire island and to bring over construction materials. Since there is very limited vehicular access, these docks are essential to Fire Island. The overall project is larger than the allocation so has been split between design (priority project) and construction (featured project). The design phase would involve engineering design drawings and specifications for the docks at Davis Park, Cherry Grove, Fire Island Pines, Atlantique and Ocean Beach.

- Support businesses before and after an event

ENHANCE REVIVE FI CAMPAIGN



The *Revive FI* campaign markets the available recreational and economic opportunities of the entire Island to ensure that New York and the greater Tri-State area is aware that Fire Island is well on the way to recovery from Superstorm Sandy and is open for business. *Revive FI* has already raised funding to develop an advertising campaign. This project would provide additional support to increase the number of communication outlets reached.

