



POTENTIAL PROJECTS – VILLAGE OF AMITYVILLE/COPIAGUE

Storm Sewer Improvements South of Montauk Highway

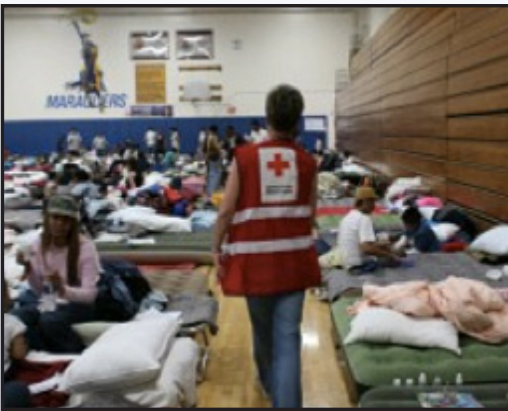
Project Category: *Infrastructure*

Project Location: *Areas located between Montauk Highway and the bayfront in the southern section of the Village of Amityville and the hamlet of Copiague.*



Project Description: *Develop plans, design and implement improvements to the storm sewer system south of Montauk Highway. This area currently experiences frequent flooding due to the backup of the storm sewer facilities during storms, high tides and rain events. These events happen on a regular and reoccurring basis. This project would investigate opportunities for expanding the capacity of the system, raising roadways and associated storm sewer facilities, relocating or improving outfalls, the installation and ongoing maintenance of backflow preventers, etc. Priorities would be established based on the locations in most need of improvement. A long-term program of upgrading and maintaining the facilities would be initiated.*

Local Emergency Evacuation Center



Project Category: *Community Planning and Capacity Building*

Project Location: *Entire Village of Amityville and the hamlet of Copiague, as well as the surrounding region. Site for a facility is to be determined.*

Project Description: *Committee members have expressed the need to outfit a local public facility to be used before, during and after emergency events as a shelter for*

displaced persons; a drop-in center for those not displaced but lacking power, heat, water, or other services; and as a distribution center for donated items. The facility should be centrally located in or nearby the Village of Amityville/Copiague and out of the identified risk areas, earn Red Cross designation as a shelter, and be equipped with redundant systems to ensure continuity of operations following an event. Existing school facilities outside the flood zone have been discussed for this purpose.



Waterfront Resiliency Improvements

Project Category: *Infrastructure*

Project Location: *Bayfront and Canal Areas of the Village of Amityville and the hamlet of Copiague*

Project Description: *Plan for, design and implement storm resiliency improvements in the Bayfront and Canal Areas of the Village of Amityville and the Hamlet of Copiague. Waterfront resiliency improvements may include built systems, such as bulkheads, or natural systems, such as living shorelines, as appropriate to the location.*



Critical Emergency Evacuation Route Roadway and Bridge Improvements

Project Category: *Infrastructure*



Project Location: *Merrick Road/Montauk Highway and critical access routes connecting south to the bayside residential neighborhoods.*

Project Description: *Plan for the designation, design and implementation of a system of evacuation roadways that would allow unimpeded access from the bayside area out of the risk area to north of Montauk Highway. These roadways provide a vital link to residents and businesses in the critical and*

high risk areas, allowing them to access goods and services along Montauk Highway, in downtown Amityville, in the hamlet of Copiague, as well as points beyond throughout Suffolk County, in Nassau County and in New York City. Additionally, these routes could provide access for life safety providers during times of emergency. These roads would be upgraded to insure that they remained flood free. This will entail the raising of roads at critical locations as well improvements to the storm sewer system as well as utilities located within the roadways. These roads should be designed in accordance with the “complete streets” policy and should utilize green infrastructure to maximize storm water storage and treatment. Certain locations along Montauk Highway and near the terminus of a major canals experienced severe flooding during Superstorm Sandy preventing access to points east and west to critical hospitals, medical facilities and evacuation centers. These locations will be examined for potential improvements. This project will also consider the upgrade or replacement of critical access bridges in the 100-year flood zone, such as those in American Venice, that are necessary routes for local evacuation and emergency response during and after storms. In addition, the system of roadways may include designated signage as an emergency/evacuation routes as part of this project.



Emergency Event and Storm Preparedness Communication System

Project Category: *Community Planning and Capacity Building*

Project Location: *Entire Village of Amityville and the hamlet of Copiague*

Project Description: *The creation of a comprehensive, coordinated Emergency Event and Storm Preparedness Communication System has two components: emergency responders and the public. The first element of this project will address the needs of emergency responders and municipal entities during storm events for more uniform communication devices and protocols. The*



second element of this project considers how to improve public communications prior to, during and after storm events. This element will involve developing plans and systems for direct outreach about storm preparedness to residents via mailings, emails, etc.; spreading awareness about storm preparedness at municipal events; providing more regular reminders to the public regarding emergency preparedness; establishing a better and more accurate system of flood alerts and warnings; and developing public education on the impacts in flood prone areas on life and property, insurance, storm preparedness, evacuation areas, securing of property and safety. The communication system plan will specifically identify special needs populations such as the elderly, children, disabled, etc. and plan for their unique communication requirements.

Resiliency Equipment, Supplies and Training



Project Category: *Community Planning and Capacity Building*

Project Location: *Entire Village of Amityville and the hamlet of Copiague*

Project Description: *Emergency responders require the proper equipment for storm-related tasks. Police departments, fire departments and the department of public works all have specific needs in order to*

increase the resiliency of this community. These emergency responders have defined heavy duty equipment and supplies that need to be procured to address preparedness for emergency events. These items include truck(s) for high water rescues, heavy equipment, trucks and trailers for storm clean-up, pumping equipment, boat and marine recovery equipment, truck (s) with boom and emergency supplies such as generators. Training, materials and equipment for emergency responders and municipal personnel for oil spill and hazardous material releases are also required.

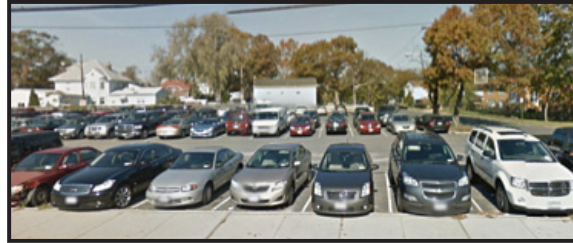


Vehicle Refuge and Public Parking Areas

Project Category: *Community Planning and Capacity Building*

Project Location: *A location outside of the risk areas within the Village of Amityville or the hamlet of Copiague will be identified.*

Project Description: *Develop a plan for, and implement, the acquisition, design and construction of an area, outside the extreme and high-risk zones, that could serve as temporary storage for vehicles that are normally kept at resident’s homes and businesses south of Montauk Highway. This area would serve as a*



temporary storage for these vehicles during times of potential flooding. A system of transporting people to and from this location could also be developed during the planning phase. This facility could serve as needed public parking or programmable open space when not needed as temporary parking. Potential locations available for joint use with an existing parking facility will be investigated as well as dedicated use sites for this purpose.

Utility Improvements South of Montauk Highway

Project Category: *Infrastructure*

Project Location: *Areas located between Montauk Highway and the bayfront in the southern section of the Village of Amityville and the Hamlet of Copiague.*



Project Description: *Develop plans, design and implement improvements to utilities south of Montauk Highway. This area experiences frequent loss of utility services during storms events. These events happen on a regular and reoccurring basis and severely impact residences, businesses and community facilities. This project would investigate opportunities for reinforcing LIPA’s*

electric grid substations; reinforcing National Grid’s gas lines; extending gas facilities; straightening telephone/power poles; removing old telephone poles; replacing wooden poles with recycled plastic telephone poles; and burying utilities lines. Priorities would be established based on the locations in most need of improvement.