



PRELIMINARY STRATEGIES – VILLAGE OF AMITYVILLE/COPIAGUE

Strategies are types of projects, programs, policies, or other actions that address the resiliency and restoration needs in your Community. There are typically several strategies to address a given need. At this point in the planning process, the Committee has been instructed to come up with as many strategies as possible. Proposed Strategies for your Community can be found below. Please comment on these strategies or suggest some of other strategies for consideration on your comment sheet.

Community Planning and Capacity Building

- 1. Revise/update building and other codes and plans to require resilient and hurricane proof construction techniques and materials for all new structures in high and extreme risk areas.*
- 2. Revise/update zoning ordinances, comprehensive plans and subdivision/site plan regulations to incorporate storm resiliency protections.*
- 3. Identify and require safe and resilient methods for the storage of on-site fuel oil and codify in Town/Village codes.*
- 4. Home heating fuel oil tank upgrades and securing of hazardous materials (e.g. marinas) in conformance with flood and SCDHS code requirements.*
- 5. Streamline environmental and local permitting processes related to shoreline stabilization.*
- 6. Maximize opportunities for participation in the House Elevation Program.*
- 7. Inspect shoreline conditions on a regular basis and enforce that regular maintenance is being conducted.*
- 8. Run off reduction and provide natural recharge of precipitation consistent with NYSDEC Stormwater Design Manual in public ROWs and private development.*
- 9. Use waterfront parks as Critical Facilities for solid and hazardous waste management following storm events for recovery efforts.*
- 10. Develop system of evacuation route markers.*
- 11. Develop system of flood height markers.*
- 12. Provide more regular reminders to the public regarding emergency preparedness, perhaps on a seasonal basis.*



13. *Consider and improve public communications prior to, during and after storm events.*
14. *Provide a better and more accurate system of flood alerts and warnings.*
15. *Public engagement and education on the impacts in flood prone areas on life and property, insurance, storm preparedness, evacuation areas, securing of property, safety.*
16. *Develop arrangements in advance for short term housing during emergency events.*
17. *Establish a dry ground designated parking area.*

Economic Development

1. *Support the needs of commercial and recreational uses of our waterfront and surrounding areas without compromising the primarily residential character and Village/Hamlet way of life.*
2. *Allow for better redevelopment of Smart Growth Centers, with site-sensitivity to the surrounding areas such as in the downtown and train station areas.*
3. *Support specific neighborhoods that have long term economic development plans which relate to their proximity to the water.*

Health and Social Services

1. *Develop plan for identifying special needs populations such as the elderly, children, disabled, etc. and plan for their unique requirements.*
2. *Expand and update lists of disabled and elderly persons for response/evacuation teams.*
3. *Get information out ahead of events to make sure people have enough medications during the event.*
4. *Improve systems to communicate with and evacuate seniors.*
5. *Address areas where primary roadway access may be restricted during storm events.*
6. *Improve communication between Town of Babylon and Town of Oyster Bay regarding evacuation and emergency access to medical facilities.*

Housing

1. *Develop a program that assists individual property owners and small businesses in navigating the complexities of insurance requirements, public programs, permitting and issues related to raising their homes.*
2. *Increase diversity of housing stock in appropriate locations, such as near the rail station in Copiague, to allow for those who may wish to relocate within Copiague as well as for seniors and young families to remain in the community.*
3. *Identify abandoned properties south of Montauk Highway and develop a plan for their acquisition, use, management and maintenance.*

For more information on NY Rising Program, visit us at www.stormrecovery.ny.gov



Natural and Cultural Resources

1. *Review and enact flood abatement and prevention measures.*
2. *Preserve historic resources including downtowns, train station areas and housing.*
3. *Nourish ocean beaches to protect barrier islands.*
4. *Preserve homes and resources associated with the Great South Bay.*
5. *Consistent dredging of the Fire Island Inlet and bay channels as a source of suitable materials to rebuild, replenish sand and ensure viability of outer beach dune/beach structure.*
6. *Plan for the raising of Village/Hamlet beach facilities and buildings to prevent flooding.*
7. *Flood proof infrastructure at Town waterfront parks.*
8. *Stabilize the western shoreline of Tanner Park abutting the western concourse canal.*

Infrastructure

1. *Consider a program of comprehensive storm sewer improvements with priority given to areas south of Montauk Highway that suffer frequent flooding.*
2. *Institute a program of installation and regular maintenance of public infrastructure such as backflow protectors, culverts and dams and ensure capacity/function to reduce upstream/downstream flooding.*
3. *Provide for the repair, replacement or creation of appropriate built and natural shoreline treatments along shorelines and road termini at Great South Bay and watercourses.*
4. *Alleviate storm sewer backup in the areas south of Montauk Highway.*
5. *Engineering and elevation of area and shoreline stabilization of Amity Harbor at shoreline of Great South Bay between Ketchum's Creek at Tanner Park.*
6. *Engineering study of existing stormwater infrastructure on a watershed basis for design for upgrades, increase capacity and runoff reduction.*
7. *Drainage upgrades within 100 year, 500 year flood zones and watersheds to provide better management and reduction of stormwater runoff.*
8. *Consider natural systems that diminish the impacts of storm events.*
9. *Utilize built and natural infrastructure appropriate to site conditions to control flooding.*



10. *Assemble underutilized properties near the waterfront that could serve as open space while also storm surge storage capacity.*
11. *Develop plan for key roads that ensures that these facilities would remain passable during storm event.*
12. *Improve emergency access and egress in residential neighborhoods south of Montauk Highway.*
13. *Improve Montauk Highway at locations that flood frequently.*
14. *Municipal road and right of way elevation within the 100 year flood zones to reduce flood hazard and provide better management/recharge of stormwater runoff.*
15. *Replacement of critical access bridges to 100 year flood zone at American Venice for evacuation and emergency response (heavy trucks) during and after storm.*
16. *Develop methods to reduce power outages such as underground utilities or new above-ground technologies.*
17. *Improve the resiliency of critical sewer infrastructure to prevent wastewater release following storm.*
18. *Define and procure heavy duty equipment necessary for storm-related tasks.*
19. *Define and procure supplies necessary for emergency events.*
20. *Training and materials and equipment for emergency responders and municipal personnel for oil spill and hazardous material releases during flood events.*
21. *Uniform communication devices for emergency responders and municipal entities during storm events.*
22. *Provide back-up power supply for gas stations and cell towers.*