



GREATER BAY SHORE ADDITIONAL RESILIENCY RECOMMENDATIONS

Strategy	Project	Short Description	Estimated Cost	Regional (Y/N)	
Establish municipal plans and codes that will make the Community more resilient and better able to adapt to severe storms and climate change.	Local Waterfront Revitalization Program (LWRP)	Completion of the LWRP which would help to define land use and economic development goals for Greater Bay Shore's waterfront as well as provide direction for more natural and structurally resilient development that promotes recreation, tourism, water-dependent and water-enhanced uses/activities in an environmentally sustainable manner.	\$200,000	N	
	Community Rating System (CRS)	This project would consist of two phases. Phase I would evaluate the applicability of implementing the CRS as part of the National Flood Insurance Program. Phase II would consist of the implementation of this program which could lead to Community-wide discounts for policy holders.	\$100,000	N	
	Resiliency Review & Amendments: Municipal Codes	Review local building, zoning and flood protection codes for resiliency standards; draft amendments to codes for consideration by local legislative bodies (Town, Village).	\$150,000	N	
Ensure continuity of service and access to critical health care facilities and to public safety services.	Southside Hospital Flood Mitigation Improvement Plan	Conduct a study and develop a plan to reduce the frequency of severe flooding at Southside Hospital, both on-site and along the access roadways leading to the hospital campus that are used by rescue vehicles.	\$350,000	Y	
	Southside Hospital Flood Mitigation Improvements	Complete the drainage, parking, and site improvements identified in the Flood Mitigation Improvement Plan.	\$4,000,000	Y	
	Southside Hospital Power Resiliency Improvements	Implement power resiliency improvements related to the relocation of electrical switch rooms and generators.	\$8,000,000	Y	
	Drainage, Roadway & Utility Implementation: Main Street (South Saxon Ave. to Homan Ave.)	Implementation of improvements to roadway and storm drainage system based on Drainage, Roadway & Utility Implementation Initiative. May include new pipe installation, new oil/water separators, Sandy-related debris removal, improving or relocating outfalls, as well as the raising of roadways where appropriate or feasible.	\$2,900,000	N	
	Drainage, Roadway & Utility Implementation: Lawrence Lane south of Montauk Highway		\$550,000	N	
	Drainage, Roadway & Utility Implementation: Concourse East & West (Village of Brightwaters)		\$540,000	N	
	Drainage, Roadway & Utility Implementation: South Court between Awixa Ave. & S. Penataquit		\$900,000	Y	
	Drainage, Roadway & Utility Implementation: Inlet View		\$500,000	N	
Encourage safe and resilient housing for all residents.	Housing Relocation Program		Program to encourage the voluntary relocation of housing out of extreme and high risk flood locations.	\$1,000,000	N



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Integrate “Green” and “Gray” infrastructure (natural and engineered stormwater management system) to holistically manage stormwater and reduce flooding.	Archie Place, Trues Pond	Creation of a bioretention area for filtration and pollutant removal prior to overflow into Trues Pond. Additionally, the northwest side of the Pond has small area of lawn which has adequate area to install an offline storm water quality treatment structure.	\$175,000	N
	South Shore Mall, Penataquit Creek (Private Property)	Improve both the salt storage practices and drainage infrastructure on the property including the establishment of a formalized and covered salt storage area with an elevated impervious floor to prevent runoff from entering the pile, establishment of linear bioretention areas at each existing drainage inlet which directly discharges to the Penataquit Creek culvert. Addition of smaller scale tree islands within the existing parking area and rain gardens to existing impervious plaza areas to increase subsurface infiltration of stormwater. Implementation of other best management practices.	\$1,550,00	Y
	Oakwood Boulevard, Awixa Creek	Drainage improvements including redirection of stormwater from the direct outfalls at the road’s crossing with Awixa Creek to a newly installed bioretention area proposed within a small, Town-owned parcel on the south side of Oakwood Boulevard.	\$75,000	N
	Saxon Avenue Cul-de-sac	Conversion of portion of cul-de-sac to vegetated depressions for use in the storage/treatment of stormwater runoff.	\$50,000	N
	Floodproofing/ Hardening of Shore Road East Sanitary Sewer Pump Station	Assess vulnerabilities of the pump station (Shore Road East). Possible solutions may be the elevation of the pump stations and electrical panels relative to storm surge potential and the need for back-up power (generator).	\$200,000	N
	“Complete Streets” Resiliency Corridors	Phase I of this project would involve a study to develop a scope for a Complete Streets Project. Phase II would implement improvements along corridors such as: (1) Fourth Avenue/Maple Avenue from the LIRR Station to the waterfront; and (2) Downtown Bay Shore (Main Street). This project would improve east-west/north-south access and connectivity at selected locations. This project would be implemented in keeping with the historic character and urban design characteristics of the Community. The project would also incorporate “Green” technologies to the extent practicable.	\$4,630,000	Y
Reduce the frequency and duration of interruptions to public and private utility networks.	Tree Census and Maintenance Program	This project would provide a comprehensive tree inventory and pruning program throughout Greater Bay Shore in those areas with overhead utility service. The program would be developed with the expertise of the utility providers as well as a certified arborist.	\$250,000	N
Improve the economic resiliency of the Community.	Business & Industrial Development Program	Program to assist local businesses (Chamber of Commerce/BID, waterfront commercial businesses) to evaluate opportunities to increase synergies between local businesses and tourists and residents of Fire Island. Program would also encourage the diversification of the local industrial economy.	\$166,000	N
	Orinoco Drive Business District Revitalization Plan	Redevelopment plan for Orinoco Drive industrial and commercial corridor in Village of Brightwaters.	\$145,000	N