



9.8 Village of Bellport

This section presents the jurisdictional annex for the Village of Bellport. It includes resources and information to assist public and private sectors to reduce losses from future hazard events. This annex is not guidance of what to do when a disaster occurs. Rather, this annex concentrates on actions that can be implemented prior to a disaster to reduce or eliminate damage to property and people. This annex includes a general overview of the municipality and who in the Village participated in the planning process; an assessment of the Village of Bellport’s risk and vulnerability; the different capabilities utilized in the Village; and an action plan that will be implemented to achieve a more resilient community.

9.8.1 Hazard Mitigation Planning Team

The following individuals have been identified as the Village of Bellport’s hazard mitigation plan primary and alternate points of contact.

Table 9.8-1. Hazard Mitigation Planning Team

Primary Point of Contact	Alternate Point of Contact
Name/Title: John Kocay, Clerk Address: 29 Bellport Lane, Bellport NY 11713 Phone Number: 631-286-0327 Email: clerk@bellportvillageny.gov	Name/Title: Donald Mullins, Director of Code Enforcement Address: 29 Bellport Lane, Bellport NY 11713 Phone Number: 631-286-0327 Email: code@bellportvillageny.gov
NFIP Floodplain Administrator	
Name/Title: Marylou Bono, Building Department Supervisor Address: 29 Bellport Lane, Bellport NY 11713 Phone Number: 631-286-0327 Email: marylou@bellportvillageny.gov	

9.8.2 Municipal Profile

Bellport was named after the Bell family, early settlers. The village which consists of 1.5 square miles was incorporated in 1910.

The Village Golf Course and Country Club overlook the Great South Bay. The Village Golf Course was established in 1899. The newly renovated course is rated as one of the finest on Long Island. Memberships are open to residents and non-residents.

The Village is a center stage for art, culture and recreation such as sailing, tennis, golf and a fine array of homes, new and old. The business district is a quaint downtown shopping area consisting of shops, art galleries, antique stores, and essential stores for all your needs and many fine restaurants.

A Village owned ferry provides transportation to the ocean beach and marina. Located on the bay side is the Bellport Village Marina where slips are provided for private boats. Also located on the bay side is “Mother’s Beach”. It is an ideal facility for children as well as adults. A band shell provides quality entertainment throughout the summer months.

Bellport Village is located on the south shore within the Town of Brookhaven, Suffolk County, New York. The Village is on the Great South Bay only 2.2 miles from the Atlantic Ocean.

The local governing body consists of the Mayor and a Board of Trustees consisting of 4 trustees. The Mayor and Trustees each get 1 vote. This governing body will assume the responsibility of adopting and implementing the pre-disaster mitigation plan.



According to the U.S. Census, the 2010 population for the Village of Bellport was 2,084. The estimated 2017 population was 2,008, a 3.6 percent decrease from the 2010 Census. Data from the 2017 U.S. Census American Community Survey indicate that 5.2 percent of the population is 5 years of age or younger and 28.8 percent is 65 years of age or older. Communities must deploy a support system that enables all populations to safely reach shelters or to quickly evacuate a hazard area.

9.8.3 Growth/Development Trends

Understanding how past, current, and projected development patterns have or are likely to increase or decrease risk in hazard areas is a key component to understanding a jurisdiction’s overall risk to its hazards of concern. Table 9.8-2 summarizes recent and expected future development trends, including major residential/commercial development and major infrastructure development. The figures at the end of this annex illustrate the geographically-delineated hazard areas and the location of potential new development, where available. The recent and anticipated development depicted on these figures excludes the Suffolk County wastewater upgrades; refer to Section 4 (County Profile) for additional information on this development.

Table 9.8-2. Recent and Expected Future Development

Type of Development	2014		2015		2016		2017		2018		2019	
Number of Building Permits for New Construction Issued Since the Previous HMP* (within regulatory floodplain/ Outside regulatory floodplain)												
	Total	Within SFHA	Total	Within SFHA	Total	Within SFHA	Total	Within SFHA	Total	Within SFHA	Total	Within SFHA
Single Family	1	0	0	0	0	0	0	0	0	0	3	0
Multi-Family	0	0	0	0	0	0	0	0	0	0	0	0
Other (commercial, mixed-use, etc.)	0	0	0	0		0	0	0	0	0	0	0
Total Permits Issued	1	0	0	0	0	0	0	0	0	0	3	0
Property or Development Name	Type of Development	# of Units / Structures		Location (address and/or block and lot)		Known Hazard Zone(s)*		Description / Status of Development				
Recent Major Development and Infrastructure from 2015 to Present												
None identified												
Known or Anticipated Major Development and Infrastructure in the Next Five (5) Years												
None anticipated												

SFHA Special Flood Hazard Area (1% flood event)

* Only location-specific hazard zones or vulnerabilities identified.

9.8.4 Capability Assessment

The Village of Bellport performed an inventory and analysis of existing capabilities, plans, programs, and policies that enhance its ability to implement mitigation strategies. Section 5 (Capability Assessment) describes the components included in the capability assessment and their significance for hazard mitigation planning. This section summarizes the following findings of the assessment:

- An assessment of legal and regulatory capabilities.
- Development and permitting capabilities.
- An assessment of fiscal capabilities.



- An assessment of education and outreach capabilities.
- Information on National Flood Insurance Program (NFIP) compliance.
- Classification under various community mitigation programs.
- The community’s adaptive capacity for the impacts of climate change.

For a community to succeed in reducing long-term risk, hazard mitigation must be integrated into the day-to-day local government operations. As part of this planning effort, planning/policy documents were reviewed, and each jurisdiction was surveyed to obtain a better understanding of their progress in plan integration. Areas with current mitigation integration are summarized in Capability Assessment (Section 9.8.4). The Village of Bellport identified specific integration activities that will be incorporated into municipal procedures are included in the updated mitigation strategy. Appendix G provides the results of the planning/policy document review and the answers to integration survey questions.

Planning, Legal, and Regulatory Capability

The table below summarizes the regulatory tools that are available to the Village of Bellport and where hazard mitigation has been integrated.

Table 9.8-3. Planning, Legal, and Regulatory Capability

	Do you have this? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Department / Agency Responsible	State Mandated	Has this been integrated?	
						Yes	No
Codes, Ordinances, & Requirements							
Building Code	Yes	NY State Code and Code of the Village of Bellport, Chapter 5	Local	Building Inspector	Yes	Yes	No
Comment: To regulate buildings in the Village.							
Zoning Code	Yes	Zoning Code, Bellport Village Code Chapter 21 (2007)	Local and County	Building Inspector	No	Yes	No
Comment: The regulations are designed to lessen congestion in the streets; to secure safety from fire, flood panic and other dangers; to promote health and the general welfare; to provide adequate light and air; to prevent the overcrowding of land; to conserve and protect the existing essential character of the village as one primarily residential and with low density of population; to avoid undue concentration of population; to facilitate the adequate provision of transportation, water, sewerage, schools, parks and other public requirements and to stabilize and conserve property values therein.							
Subdivisions	Yes	Subdivision Ordinance, Bellport Village Code Chapter 18 (1992)	Local and County	Planning Board	No	Yes	No
Comment: This chapter shall apply to the filing and approval of all plats requiring the approval of the planning board of the village, pursuant to article 7 [§ 7-700 et seq.] of the Village Law, as amended. For the purposes of this chapter, any division of property in the village into two (2) or more lots shall require the approval of the planning board, and the owner and subdivider of such property must comply with this chapter and such other rules and regulations as may be promulgated from time to time by the planning board. The requirements of this chapter shall apply in addition to any other applicable provisions of law affecting such plats.							
Stormwater Management	Yes	Stormwater Management and Erosion and Sediment Control, Bellport Village Code	Local	Stormwater Management Officer	Yes	Yes	No



	Do you have this? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Department / Agency Responsible	State Mandated	Has this been integrated?	
						If no - can it be a mitigation action?	
		Chapter 21 Article V, Division 7					
Comment: The purpose of this local law is to establish minimum stormwater management requirements and controls to protect and safeguard the general health, safety, and welfare of the public residing within this jurisdiction and to address the findings of fact in section 21-600 hereof.							
Post-Disaster Recovery	No	-	-	-	No	-	-
Comment:							
Real Estate Disclosure	Yes	Property Condition Disclosure Act, NY Code - Article 14 §460-467	State	NYS Department of State, Real Estate Agent	Yes	Yes	No
Comment:							
Growth Management	No	-	-	-	No	-	-
Comment:							
Site Plan Review	Yes	Site Plan Review and Approval Code, Bellport Village Code Chapter 21 & IBC	Local	Building Department	Yes	Yes	No
Comment: In each case where a building, structure or use or alteration thereof is proposed in Business E District or Professional Business District, except for one-family residence dwellings, permitted agricultural uses and customary accessory uses thereto, the building inspector shall refer the site plan of the proposed building, structure or use or alteration thereof to the Village of Bellport Planning Board for its review pursuant to the provisions of this section.							
Environmental Protection	Yes	Environmental Control Code, Bellport Village Code Chapter 7 Article 1; Waterfront Management Code, Bellport Village Code, Chapter 23	Local	Stormwater Management Officer; Waterfront Management Board	Yes	Yes	No
Comment: The purpose of the Environmental Control code is: <ul style="list-style-type: none"> To regulate the contribution of pollutants to the MS4 since such systems are not designed to accept, process or discharge non-stormwater wastes; To prohibit illicit connections, activities and discharges to the MS4; To establish legal authority to carry out all inspection, surveillance and monitoring procedures necessary to ensure compliance with this law; and To promote public awareness of the hazards involved in the improper discharge of trash, yard waste, lawn chemicals, pet waste, wastewater, grease, oil, petroleum products, cleaning products, paint products, hazardous waste, sediment and other pollutants into the MS4. The purpose of the Waterfront Management Code is to insure the stabilization, protection and preservation of aesthetic values of the natural shoreline located within the village's jurisdictional limits, and pursuant to the delegated powers and authority under article 4-A of the New York Navigation Law, and to minimize adverse impacts to the environment, to insure safe navigation of the surrounding waters, and fair and equitable access to the bay's public waters by adjoining property owners, by regulation of all docks, bulkheads, groins, piers and other similar structures located or sought to be installed or constructed at or upon, or emanating from the shoreline of the Great South Bay.							
Flood Damage Prevention	Yes	Bellport Village Code Chapter 6 Section 3.3	Local	Building Department	Yes - BFE+2 feet for all construction in the SFHA	Yes	No



	Do you have this? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Department / Agency Responsible	State Mandated	Has this been integrated?	
						If no - can it be a mitigation action?	
		(2009)			(residential and non-residential)		
Comment: The ordinance was adopted in order to: <ul style="list-style-type: none"> To protect human life and health; To minimize expenditure of public money for costly flood control projects; To minimize the need for rescue and relief efforts associated with flooding and generally undertaken at the expense of the general public; To minimize prolonged business interruptions; To minimize damage to public facilities and utilities such as water and gas mains, electric, telephone, sewer lines, streets and bridges located in areas of special flood hazard; To help maintain a stable tax base by providing for the sound use and development of areas of special flood hazard so as to minimize future flood blight areas; To provide that developers are notified that property is in an area of special flood hazard; and To ensure that those who occupy the areas of special flood hazard assume responsibility for their actions. 							
Municipal Separate Storm Sewer System (MS4)	Yes	Bellport Village Code Chapter 7 Article 1	Local	Stormwater Management Officer	Yes	Yes	No
Comment: The purpose of the code is: <ul style="list-style-type: none"> To regulate the contribution of pollutants to the MS4 since such systems are not designed to accept, process or discharge non-stormwater wastes; To prohibit illicit connections, activities and discharges to the MS4; To establish legal authority to carry out all inspection, surveillance and monitoring procedures necessary to ensure compliance with this law; and To promote public awareness of the hazards involved in the improper discharge of trash, yard waste, lawn chemicals, pet waste, wastewater, grease, oil, petroleum products, cleaning products, paint products, hazardous waste, sediment and other pollutants into the MS4. 							
Emergency Management	Yes	Bellport Village Code Chapter 9 Fire Prevention and Protection	Local	Fire Code Inspector	Yes	Yes	No
Comment:							
Climate Change	No	-	-	-	Yes	-	-
Comment:							
Disaster Recovery Ordinance	No	-	-	-	No	-	-
Comment:							
Disaster Reconstruction Ordinance	No	-	-	-	No	-	-
Comment:							
Other	No	-	-	-	-	-	-
Comment:							
Planning Documents							
Comprehensive Plan	Yes	1989	Local	Planning Board	No	Yes	No
Comment: The Plan is currently being revised.							
Capital Improvement Plan	No	-	-	-	No	-	-
Comment:							



	Do you have this? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Department / Agency Responsible	State Mandated	Has this been integrated?	
						If no - can it be a mitigation action?	
Disaster Debris Management Plan	Yes	Suffolk County Multi-Jurisdictional Debris Management Plan	County, Local	Suffolk County FRES	No	Yes	No
Comment: This NYS and FEMA approved comprehensive Multi-Jurisdictional Debris Management Plan was developed through the cooperative efforts of Suffolk County and each of the ten (10) Towns, working together in conjunction with partners from private, state and federal agencies.							
Floodplain or Watershed Plan	Yes	MAP & PLAN FOR SEWER DISTRICT FORMATION (2014)	Local	Stormwater Management Officer	No	Yes	No
Comment: The formation of the Bellport Sewer District will eliminate the use of on-site sanitary systems in areas of the Village that are prone to tidal flooding, hurricanes and "Nor'easters" and in the commercial area to spur growth of local businesses. Establishing a municipal sewer district will protect the quality of the South Shore Estuary and public health from failing septic tanks and cesspools, allow wet-type businesses to expand thus increasing the overall tax base, create jobs, and enhance the many public amenities available to Village residents. Sewer infrastructure is required to revitalize downtown Bellport because of Suffolk County density restrictions and make Bellport a destination that favorably compares to other villages within Suffolk County that have seen a resurgence of growth principally because they are sewered.							
Stormwater Plan	Yes	MS4 Annual Report	Local	Stormwater Management Officer	No	Yes	No
Comment: Annual reports are submitted. Goals include: <ul style="list-style-type: none"> To continue to distribute educational information to residents regarding pet waste goose feeding and maintenance of septic systems Provide educational materials focused on reduction of nitrogen and pathogens discharges. 							
Open Space Plan	Yes	Comprehensive Plan	Local	Planning Board	Yes	Yes	No
Comment: Included as component of the Comprehensive Plan							
Urban Water Management Plan	No	-	-	-	No	-	-
Comment:							
Habitat Conservation Plan	No	-	-	-	No	-	-
Comment:							
Economic Development Plan	No	-	-	-	No	-	-
Comment:							
Shoreline Management Plan	Yes	Bellport Village Code Chapter 23 Waterfront Management	Local	Water Management Board	Yes	Yes	No
Comment: The purpose of this chapter is to insure the stabilization, protection and preservation of aesthetic values of the natural shoreline located within the village's jurisdictional limits, and pursuant to the delegated powers and authority under article 4-A of the New York Navigation Law, and to minimize adverse impacts to the environment, to insure safe navigation of the surrounding waters, and fair and equitable access to the bay's public waters by adjoining property owners, by regulation of all docks, bulkheads, groins, piers and other similar structures located or sought to be installed or constructed at or upon, or emanating from the shoreline of the Great South Bay.							
Community Wildfire Protection Plan	No	-	-	-	No	-	-
Comment:							
Forest Management Plan	No	-	-	-	No	-	-



	Do you have this? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Department / Agency Responsible	State Mandated	Has this been integrated?	
						If no - can it be a mitigation action?	
Comment:							
Transportation Plan	No	-	-	-	No	-	-
Comment:							
Agriculture Plan	No	-	NYCRR Part 390 Agricultural and Farmland Protection -	-	Yes	-	-
Comment:							
Other (this could include a climate action plan, tourism plan, business development plan, etc.)	No	-	-	-	-	-	-
Comment:							
Response/Recovery Planning							
Comprehensive Emergency Management Plan	Yes	Suffolk County Comprehensive Emergency Management Plan (2018)	Suffolk County and Associated Jurisdictions	Suffolk FRES	Yes	Yes	No
Comment: The County Comprehensive Emergency Management Plan (CEMP) describes the emergency obligations of County government and its capability and capacity to undertake emergency assignments or acquire those resources necessary to support its emergency mission. The Concept of Operations of the CEMP describes the management of emergencies within the National Incident Management System (NIMS) and details emergency management programmatic efforts to accommodate present standards.							
Strategic Recovery Planning Report	No	-	-	-	-	-	-
Comment:							
Threat & Hazard Identification & Risk Assessment (THIRA)	Yes	2018	Local	Administration	Yes	Yes	No
Comment: Have done through insurance company.							
Post-Disaster Recovery Plan	No	-	-	-	No	-	-
Comment:							
Continuity of Operations Plan	No	-	-	-	No	-	2020-Bellport-005
Comment: Developed through CoVID-19 preparations. Informal process.							
Public Health Plan	No	-	-	-	No	-	-
Comment: The Village follows the county plan.							
Other	No	-	-	-	No	-	-
Comment:							



Table 9.8-4. Development and Permitting Capability

Indicate if your jurisdiction implements the following	Response Yes/No; Provide further detail
Development Permits. If yes, what department?	Building Department
Permits are tracked by hazard area. For example, floodplain development permits.	Combined with building permit
Buildable land inventory If yes, please describe If no, please quantitatively describe the level of buildout in the jurisdiction.	Yes, but it's minimal. Village has very little vacant land in flood hazard.

Administrative and Technical Capability

The table below summarizes potential staff and personnel resources available to the Village of Bellport.

Table 9.8-5. Administrative and Technical Capabilities

Resources	Available? (Yes or No)	Department/ Agency/Position
Administrative Capability		
Planning Board	Yes	Planning Board
Mitigation Planning Committee	Yes	Waterfront Management Commission
Environmental Board/Commission	No	-
Open Space Board/Committee	No	-
Economic Development Commission/Committee	No	-
Warning Systems / Services (reverse 911, outdoor warning signals)	Yes	Lightning warning system at the golf course. Warns golfers and beach when in season.
Maintenance programs to reduce risk	Yes	MS4 program and tree trimming done by DPW.
Mutual aid agreements	Yes	Bellport Fire Department/South Country Ambulance
Technical/Staffing Capability		
Planners or engineers with knowledge of land development and land management practices	No	Available if needed by contract
Engineers or professionals trained in building or infrastructure construction practices	Yes	Building Department- Chief Building Inspector
Planners or engineers with an understanding of natural hazards	Yes	Building Department – Building Inspector
Staff with expertise or training in benefit/cost analysis	Yes	Alexandra McCabe Treasurer
Professionals trained in conducting damage assessments	Yes	Building Department – Building Inspector
Personnel skilled or trained in GIS and/or Hazards United States (HAZUS) – Multi-Hazards (MH) applications	No	Available through outside contractors
Scientist familiar with natural hazards	Yes	Local resident who is scientist at Stony Brook University
NFIP Floodplain Administrator (FPA)	Yes	Building Dept. Supervisor/Marylou Bono
Surveyor(s)	No	Available if needed by contract
Emergency Manager	Yes	Village Clerk
Grant writer(s)	Yes	Available if needed by contract
Resilience Officer	Yes	Village Clerk
Other (this could include stormwater engineer, environmental specialist, etc.)	Yes	Employ an marine engineering firm – Rising Tide



Fiscal Capability

The table below summarizes financial resources available to the Village of Bellport.

Table 9.8-6. Fiscal Capabilities

Financial Resources	Accessible or Eligible to Use (Yes/No)
Community development Block Grants (CDBG, CDBG-DR)	Yes
Capital improvements project funding	Yes
Authority to levy taxes for specific purposes	Yes
User fees for water, sewer, gas or electric service	No
Impact fees for homebuyers or developers of new development/homes	No
Stormwater utility fee	No
Incur debt through general obligation bonds	Yes
Incur debt through special tax bonds	Yes
Incur debt through private activity bonds	No
Withhold public expenditures in hazard-prone areas	No
Other federal or state Funding Programs	Yes
Open Space Acquisition funding programs	No
Other (for example, Clean Water Act 319 Grants [Nonpoint Source Pollution])	Yes

Education and Outreach Capability

The table below summarizes the education and outreach resources available to the Village of Bellport.

Table 9.8-7. Education and Outreach Capabilities

Indicate if your jurisdiction has the following resources	Yes/No; Please describe
Public information officer or communications office?	Yes – Village Clerk
Personnel skilled or trained in website development?	Yes – Village Clerk’s Office
Hazard mitigation information available on your website; if yes, describe	Yes
Social media for hazard mitigation education and outreach; if yes, briefly describe.	Yes – website and mailings to residents
Citizen boards or commissions that address issues related to hazard mitigation; if yes, briefly describe.	Waterfront Management Commission
Other programs already in place that could be used to communicate hazard-related information; if yes, briefly describe.	No
Warning systems for hazard events; if yes, briefly describe.	Yes – Code Officers and Fire Department, website, Facebook.
Natural disaster/safety programs in place for schools; if yes, briefly describe.	Not applicable
Other	No

Community Classifications

The table below summarizes classifications for community programs available to the Village of Bellport.



Table 9.8-8. Community Classifications

Program	Participating? (Yes/No)	Classification (if applicable)	Date Classified (if applicable)
Community Rating System (CRS)	NP	-	-
Building Code Effectiveness Grading Schedule (BCEGS)	Yes	5/5	2005
Public Protection (ISO Fire Protection Classes 1 to 10)	Yes	4*	-
NYSDEC Climate Smart Community	NP	-	-
Storm Ready Certification	NP	-	-
Firewise Communities classification	NP	-	-
Other	No	-	-

Note:

- N/A Not applicable
- NP Not participating
- Unavailable

Adaptive Capacity

Adaptive capacity is defined as “the ability of systems, institutions, humans and other organisms to adjust to potential damage, to take advantage of opportunities, or respond to consequences” (IPCC 2014). In other words, it describes a jurisdiction’s current ability to adjust to, protect from, or withstand a hazard event. This term is often discussed in reference to climate change; however, adaptive capacity also includes an understanding of local capacity for adapting to current and future risks and changing conditions. The table below summarizes the adaptive capacity for each hazard and the jurisdiction’s rating.

Table 9.8-9. Adaptive Capacity

Hazard	Adaptive Capacity (Capabilities) - High/Medium/Low*
Coastal Erosion	Medium
Cyber Security	High
Disease Outbreak	Medium
Drought	Medium
Earthquake	Medium
Expansive Soils	Medium
Extreme Temperature	Medium
Flood	Medium
Groundwater Contamination	Medium
Hurricane	Medium
Infestation and Invasive Species	Medium
Nor’Easter	Medium
Severe Storm	Medium
Severe Winter Storm	High
Shallow Groundwater	Medium
Wildfire	Medium

- *High Capacity exists and is in use
- Medium Capacity may exist; but is not used or could use some improvement
- Low Capacity does not exist or could use substantial improvement
- Unsure Not enough information is known to assign a rating

The Village has access to resources to determine the possible impacts of climate change upon the municipality and is supportive of integrating climate change in policies or actions. Climate change is currently being integrated into updated building requirements.



9.8.5 National Flood Insurance Program

This section provides specific information on the management and regulation of the regulatory floodplain.

NFIP Floodplain Administrator (FPA)

Marylou Bono, Building Inspector

National Flood Insurance Program (NFIP) Summary

The following table summarizes the NFIP statistics for the Village of Bellport.

Table 9.8-10. NFIP Summary

Municipality	# Policies	# Claims (Losses)	Total Loss Payments	# RL Properties
Village of Bellport	116	48	\$951,376	6

Source: FEMA 2020

Notes: According to FEMA statistics as of 7/13/2020

RL Repetitive Loss

Flood Vulnerability Summary

Four structures were reported damaged following Hurricane Sandy. The NFIP FPA makes Substantial Damage Estimates and rendered one home Substantially Damaged after Hurricane Sandy. Two homeowners completed mitigation projects with private funding. An inventory of flood-damaged properties is kept by the Village. The NFIP FPA makes Substantial Damage Estimates and rendered one home Substantially Damaged after Hurricane Sandy.

Resources

The community FDPO identifies the Chief Building Inspector as the local NFIP Floodplain Administrator, for which floodplain administration is an auxiliary duty. Duties and responsibilities of the NFIP Administrator are permit review and damage assessments if asked. The Village of Bellport conducts public outreach and education by uploading information to the Village website. There currently are no barriers to running an effective floodplain management program in the Village of Bellport.

Compliance History

The Village of Bellport joined the NFIP on October 15, 1982 and is currently an active member of the NFIP. The current effective Flood Insurance Rate Maps are dated September 25, 2009.

The Village last had a Community Assistance Visit (CAV) on May 11, 2012.

Regulatory

The communities Flood Damage Prevention Ordinance (FDPO) was last updated in October 2009 and is found at Chapter 6 of the local code.

Floodplain management regulations and ordinances meet FEMA and New York State requirements. Additional floodplain regulations and ordinances are considered for height restrictions on a case by case basis.



Community Rating System

The Village is not currently a participant in FEMA's Community Rating System.

9.8.6 Integration with Other Planning Initiatives

As this HMP update is implemented, the Village of Bellport will use information from the plan as the best available science and data for natural hazards. The capability assessment presented in this annex identifies codes, plans, and programs that provide opportunities for integration. The Suffolk County and local action plans developed for this HMP update actions related to plan integration, as well as progress on these actions, will be reported through the progress reporting process described in Volume I. New opportunities for integration also will be identified as part of the annual progress report.

Existing Integration

- **Department of Public Works:** The Department of Public Works is charged with maintaining the roadways within The Village of Bellport. Maintenance of Village roadways includes the repair of pot holes and sweeping of all roadways with particular attention to intersections within the Village. Other major community improvements undertaken include drainage projects, road resurfacing, tree trimming and removal, maintenance of the recharge basin (sump), and installation and maintenance of catch basins. Keeping main and secondary roads clear of snow and ice during inclement weather is a top priority for the Department. The Department also repairs and replaces damaged or missing Village signs.
- **Building Department:** The Building Department is responsible for reviewing all construction projects and issuing building permits, conducting building inspections, zoning compliance, complaints, fire/life safety inspection, site plans (Planning Board), subdivisions (Planning Board), area and use variances, certificates of existing use and code interpretations (Zoning Board of Appeals).
- **Architectural Board:** The Architectural Review Board (ARB) strives to preserve the character, charm and property values of the Village. All applications for a building permit for the construction, erection or alteration of any building must be reviewed by this Board along with decks, pools and athletic courts not located in the rear yard. There are seven members on this Board who serve unlimited terms.
- **Planning Board:** Approval of the Planning Board is required for construction and alteration of the buildings and structures in the Business District, the Professional Business District and the Cultural Arts district. The Board regulates subdivisions and lot line modifications in all zoning districts. Members serve 5-year terms with one term having to be renewed every year.
- **Zoning Board of Appeals:** The Zoning Board of Appeals (ZBA) hears applications for special permits and for area and use variances on projects that do not meet Village of Bellport Zoning codes. The ZBA can also review, reverse, affirm or modify any order, requirement, decision, interpretation or determination made by any administrative official charged with the enforcement of Zoning codes. Board members serve five (5) year terms, with one board member's team being renewed every year.
- **Waterfront Management Commission:** The Waterfront Management Commission oversees all issues that deal with the Village's shoreline. They are charged with insuring the stabilization, protection and preservation of the waterfront.



- **Floodplain Management** – The Village works together with the County and others to bring CRS training/workshops into the community where appropriate community officials and staff will actively participate
- **Emergency Response Plan** – the Village developed and adopted an Emergency Response Plan in order to outline in detail the functions and responsibilities of each village department during a large scale natural or man-made emergency, so that response to emergencies lessens the severity of a disaster on property and the population. This plan includes many pre-event actions that both mitigate disaster losses, and directly supports recovery efforts.

Opportunities for Future Integration

- **Continuity of Operations Plan (2020-Bellport-004):** The Village lacks a continuity of operations plan. An informal plan has been developed as a result of the CoVID pandemic but needs to be formalized. The Village plans to develop a formalized plan.

9.8.7 Evacuation, Sheltering, Temporary Housing, and Permanent Housing

Evacuation routes, sheltering measures, temporary housing, and permanent housing must all be in place and available for public awareness to protect residents, mitigate risk, and relocate residents, if necessary, to maintain post-disaster social and economic stability.

Evacuation Routes

The Village of Bellport follows Suffolk County’s Evacuation Plan.

Sheltering

The Village of Bellport utilizes the County’s Plan for Sheltering. The major sheltering location in the Village of Bellport is the Middle School.

Temporary Housing

In the event that temporary housing is needed, the field behind the Bellport Middle School could be used. This would provide access to the facilities at the Middle School.

Permanent Housing

The Village of Bellport is built out. Any removal of housing from the floodplain could only be relocated in subdivisions of existing built properties.

9.8.8 Hazard Event History Specific to the Village of Bellport

Suffolk County has a history of natural and non-natural hazard events as detailed in Volume I, Section 5 (Risk Assessment) of this plan. A summary of historical events is provided in each of the hazard profiles and includes a chronology of events that have affected the County and its municipalities. The Village of Bellport’s history of federally-declared (as presented by FEMA) and significant hazard events (as presented in NOAA-NCEI) is consistent with that of Suffolk County. Table 9.8-11 provides details regarding municipal-specific loss and damages the Village experienced during hazard events. Information provided in the table below is based on reference material or local sources. For details of these and additional events, refer to Volume I, Section 5.0 of this plan.



Table 9.8-11. Hazard Event History

Dates of Event	Event Type (Disaster Declaration if applicable)	County Designated?	Summary of Event	Municipal Summary of Damages and Losses
February 8 – 9, 2013	Severe Winter Storm and Snowstorm (FEMA DR-4111)	Yes	Low pressure that formed along the northern Gulf coast by the morning of Thursday, February 7, 2013 moved northeast to near Cape Hatteras by the morning of Friday, February 8, 2013 . The low then rapidly intensified while moving northeast to a position east of Cape Cod by the morning of Saturday, February 9, 2013, producing very heavy snowfall and blizzard conditions across central and eastern Long Island on February 8th and 9th, and winter storm conditions across the rest of southeast New York.	Although the County was impacted, the Village of Bellport did not report any damages.
March 14 – 15, 2017	Severe Winter Storm and Snowstorm (FEMA DR-4322)	Yes	On Tuesday, March 14th, rapidly deepening low pressure tracked up the eastern seaboard resulting in damaging winds in Suffolk County.	Although the County was impacted, the Village of Bellport did not report any damages.

Notes:

- EM Emergency Declaration (FEMA)
- FEMA Federal Emergency Management Agency
- DR Major Disaster Declaration (FEMA)
- N/A Not applicable

9.8.9 Hazard Ranking and Jurisdiction-Specific Vulnerabilities

The hazard profiles in Section 5 (Risk Assessment) of this plan have detailed information regarding each plan participant’s vulnerability to the identified hazards. The following summarizes critical facility and community lifeline flood exposure, and the hazards of greatest concern and risk to the Village of Bellport. For additional vulnerability information relevant to this jurisdiction, refer to Section 5.

A gradient of certainty was developed to summarize the confidence level regarding the input used to populate the hazard ranking. A certainty factor of high, medium or low was selected and assigned to each hazard to provide a level of transparency and create increased understanding of the data used to support the resulting ranking. The following scale was used to assign a certainty factor to each hazard:

- High—Defined scenario/event to evaluate; probability calculated; evidenced-based/quantitative assessment to estimate potential impacts through hazard modeling.
- Moderate—Defined scenario/event or only a hazard area to evaluate; estimated probability; combination of quantitative (exposure analysis, no hazard modeling) and qualitative data to estimate potential impacts.
- Low—Scenario or hazard area is undefined; there is a degree of uncertainty regarding event probability; majority of potential impacts are qualitative.

Critical Facilities

New York Department of Environmental Conservation (DEC) Statute 6 CRR-NY 502.4 sets forth floodplain management criteria for State projects located in flood hazard areas. The law states that no such projects related to critical facilities shall be undertaken in a Special Flood Hazard Area (SFHA) unless constructed according to specific mitigation specifications, including being raised 2’ above the Base Flood Elevation



(BFE). This statute is outlined at <http://tinyurl.com/6-CRR-NY-502-4>. While all vulnerabilities should be assessed and documented, the State places a high priority on exposure to flooding. Critical facilities located in an SFHA, or having ever sustained previous flooding, must be protected to the 500-year flood event, or worst damage scenario. For those that do not meet these criteria, the jurisdiction must identify an action to achieve this level of protection (NYS DHSES 2017).

The table below identifies critical facilities and community lifelines located in the 1-percent and 0.2-percent floodplain. It also summarizes if the facility is already mitigated in compliance with NYS standards (i.e., to the 0.2-percent annual chance event or worse-case scenario), or if a new mitigation action is proposed in the plan update.

Table 9.8-12. Potential Flood Losses to Critical Facilities

Name	Type	Exposure			Complies with NYS Standards	Addressed by Proposed Action
		1% Event		0.2% Event		
		A-Zone	V-Zone			
Harbor Well Field & Pump Station*	SCWA	-	X	X	Unknown	2020-Bellport-007

Source: Suffolk County 2020; FEMA 2009

Notes: x = Facility is located in the floodplain boundary.

*Community Lifeline

Hazard Ranking

This section provides the community specific identification of the primary hazard concerns based on identified problems, impacts and the results of the risk assessment as presented in Section 5 (Risk Assessment) of the plan. The ranking process involves an assessment of the likelihood of occurrence for each hazard, along with its potential impacts on people, property, and the economy as well as community capability and changing future climate conditions. This input supports the mitigation action development to target those hazards with highest level of concern.

As discussed in Section 5.3 (Hazard Ranking), each participating jurisdiction may have differing degrees of risk exposure and vulnerability compared to Suffolk County as a whole. Therefore, each municipality ranked the degree of risk to each hazard as it pertains to their community. The table below summarizes the hazard risk/vulnerability rankings of potential natural hazards for the Village of Bellport. The Village of Bellport has reviewed the county hazard risk/vulnerability risk ranking table and provided input to its individual results to reflect the relative risk of the hazards of concern to the community.

During the review of the hazard/vulnerability risk ranking, the Village of Bellport indicated the following:

- The Village changed the hazard ranking of shallow groundwater from low to medium, noting that conditions have changed due to climate change and rising tides.
- The Village agreed with the remainder of the calculated hazard rankings.

Table 9.8-13. Hazard Ranking

Coastal Erosion	Cyber Security	Disease Outbreak	Drought	Earthquake	Expansive Soils
Medium	Medium	Medium	Low	Medium	Low
Extreme Temperature	Flood	Groundwater Contamination	Hurricane	Infestation and Invasive Species	Nor'Easter
Medium	Medium	Medium	High	Medium	High





Severe Storm	Severe Winter Storm	Shallow Groundwater	Wildfire
Medium	Medium	Medium	Low

Identified Issues

The municipality has identified the following vulnerabilities within their community:

- The Village has a pavilion that has been undermined due to erosion overtime. While the pavilion previously sat on a dune, it now is located over water and is inaccessible.
- Osborn Park and Brown’s Lane are exposed to flooding and erosion damage.

9.8.10 Mitigation Strategy and Prioritization

This section discusses past mitigations actions and status, describes proposed hazard mitigation initiatives, and their prioritization.

Past Mitigation Initiative Status

The following table indicates progress on the community’s mitigation strategy identified in the 2014 HMP. Actions that are carried forward as part of this plan update are included in the updated mitigation strategy table (Table 9.8-15). Previous actions that are now on-going programs and capabilities are indicated as such in the following table and may also be found under ‘Capability Assessment’ presented previously in this annex.

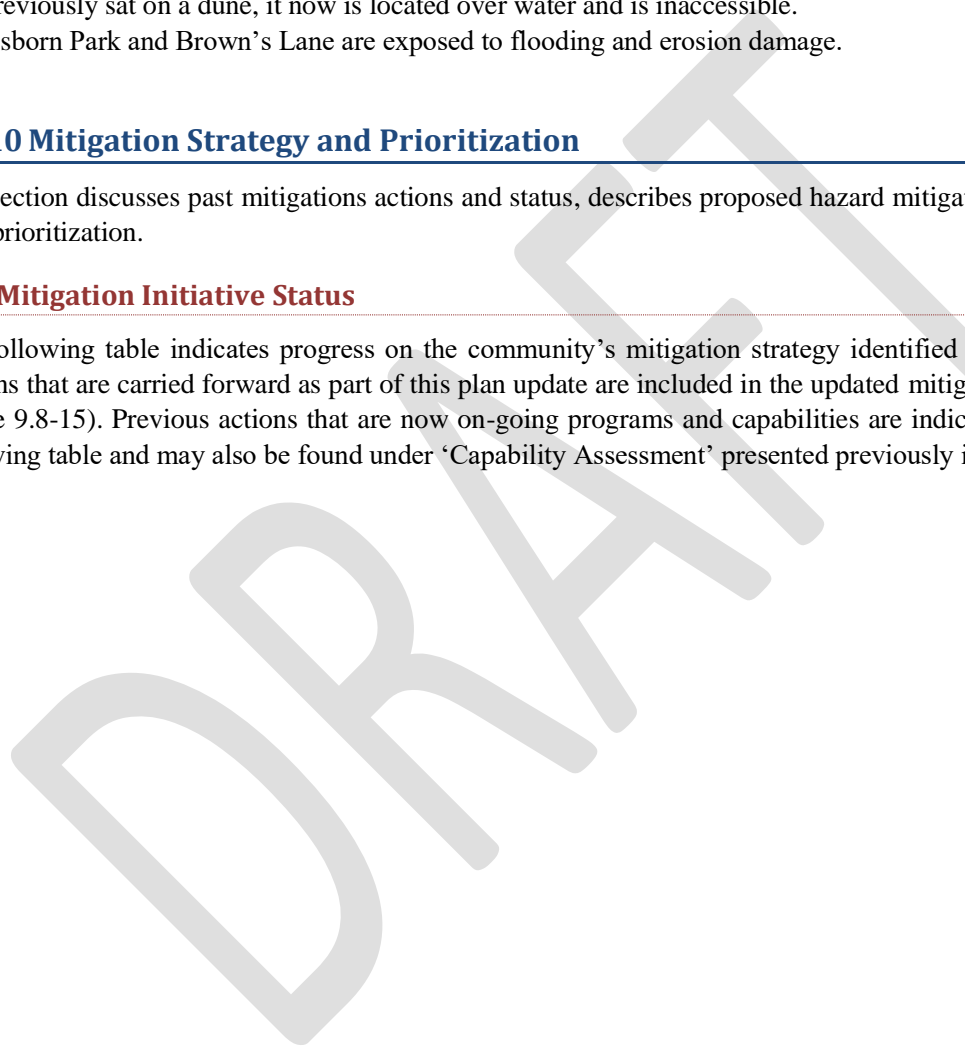




Table 9.8-14. Status of Previous Mitigation Actions

Project #	Project Name	Hazard(s) Addressed	Responsible Party	Brief Summary of the Original Problem and the Solution (Project)	Status (In Progress, Ongoing, No Progress, Complete)	Evaluation of Success (if complete)		Next Steps 1. Project to be included in 2020 HMP or Discontinue 2. If including action in the 2020 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
						Cost	Level of Protection	
VBL-1	Assess and prioritize options to construct sea walls at the Village Marina to be better protected from flooding and storm surge, and implement as funding becomes available.	Hurricane, Severe Storms, Nor'easter, Severe Winter Storms, Flooding	Mayor's Office		No Progress	Cost		1. Include in 2020 HMP 2. 3.
VBL-2 (former VBL-1)	Assess and prioritize options to update and enhance the tree management and trimming program.	Hurricane, Severe Storms, Nor'easter, Severe Winter Storms, Infestation, Wildfire	Village Highway Dept		Ongoing Capability	Cost		1. Discontinue 2. 3. Ongoing capability
VBL-3 (former VBL-2)	Assess and prioritize options to update and enhance the drainage maintenance program, and implement as funding becomes available.	Flood, Severe Storms, Severe Winter Storms, Nor'easter, Shallow Groundwater Flooding	Village Highway Dept.		In Progress; Public Works Yard and Marina have been completed. Several roads need to be engineered and installed	Cost		1. Include in 2020 HMP 2. Identify roadways: Brown's Lane 3.
VBL-4 (former VBL-3)	Assess and prioritize options to control erosion at the municipal golf course, and implement as funding becomes available.	Hurricane, Severe Storms, Nor'easter, Flooding	Clerk's Office		Complete	Cost		1. Discontinue 2. 3. Complete
VBL-5 former VBL-6)	Install emergency generators at critical facilities (Village Hall, Community Center, & Highway Maintenance	All Hazards	Village, Mayor's Office		Complete	Cost		1. Discontinue 2.



Project #	Project Name	Hazard(s) Addressed	Responsible Party	Brief Summary of the Original Problem and the Solution (Project)	Status (In Progress, Ongoing, No Progress, Complete)	Evaluation of Success (if complete)		Next Steps 1. Project to be included in 2020 HMP or Discontinue 2. If including action in the 2020 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
						Evidence of Success		
	Building)					Evidence of Success		3. Complete
VBL-6 (former VBL-7)	Increase communications within the Village and outside agencies	All Hazards	Emergency Manager		Ongoing Capability	Cost		1. Discontinue
						Level of Protection		2.
						Damages Avoided; Evidence of Success		3. Ongoing capability
VBL-7 (former VBL-12)	Work together with the County and others to bring CRS training/workshops into the community where appropriate community officials and staff will actively participate	Flood, Nor'Easter, Hurricane, Severe Weather	Village Council		Ongoing Capability	Cost		1. Discontinue
						Level of Protection		2.
						Damages Avoided; Evidence of Success		3. Ongoing capability
VBL-8	Provide information to homeowners regarding measures to protect their homes and what funding is available to assist them.	All Hazards	Emergency Manager		Ongoing Capability	Cost		1. Discontinue
						Level of Protection		2.
						Damages Avoided; Evidence of Success		3. Ongoing capability
VBL-9 (former VBL-10)	<p>Support and participate in county led initiatives (see Section 9.1) intended to build local and regional mitigation and risk-reduction capabilities (see Section 9.1), specifically:</p> <ul style="list-style-type: none"> Mitigation Education for Natural Disasters (natural hazard awareness and personal scale risk reduction/mitigation public education and outreach program) Build Local Floodplain Management and Disaster Recovery Capabilities (enhanced floodplain management, and post-disaster assessment and recovery capabilities) Jurisdictional Knowledge of Mitigation Needs of Property Owners (improved understanding of damages and mitigation interest/activity of private property owners) Create a Multi-Jurisdictional Seismic Safety Committee in Suffolk County (build regional, county and local capabilities to manage seismic risk, both pre- and post-disaster) <p>Alignment of Mitigation Initiatives through all levels of Government (effort to build State and Federal level recognition and support of the County and local hazard mitigation planning strategies identified in this plan).</p>							
	See Above	All Hazards	Suffolk County, as supported by relevant local department		Ongoing Capability	Cost		1. Discontinue
						Level of Protection		2.
						Damages Avoided; Evidence of		3. Ongoing capability



Project #	Project Name	Hazard(s) Addressed	Responsible Party	Brief Summary of the Original Problem and the Solution (Project)	Status (In Progress, Ongoing, No Progress, Complete)	Evaluation of Success (if complete)		Next Steps 1. Project to be included in 2020 HMP or Discontinue 2. If including action in the 2020 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
						Success		
			leads,			Success		
VBL-10	Work with County and PSEG (formerly LIPA) to identify roads within the municipality that are considered "critical", and to be the first priority for clearing after an event involving downed power lines.	Severe Storm; Severe Winter Storm; Hurricane; Nor'Easter	PSEG, County		Ongoing Capability	Cost		1. Discontinue 2. 3. Ongoing capability
						Level of Protection		
						Damages Avoided; Evidence of Success		

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Completed Mitigation Initiatives Not Identified in the Previous Mitigation Strategy

The Village of Bellport has identified the following mitigation projects/activities that have also been completed but were not identified in the previous mitigation strategy in the 2014 HMP:

- None identified

Proposed Hazard Mitigation Initiatives for the HMP Update

The Village of Bellport participated in a mitigation action workshop in June 2020 and was provided the following FEMA publications to use as a resource as part of their comprehensive review of all possible activities and mitigation measures to address their hazards: FEMA 551 ‘Selecting Appropriate Mitigation Measures for Floodprone Structures’ (March 2007) and FEMA ‘Mitigation Ideas – A Resource for Reducing Risk to Natural Hazards’ (January 2013).

Table 9.8-15 summarizes the comprehensive-range of specific mitigation initiatives the Village of Bellport would like to pursue in the future to reduce the effects of hazards. Some of these initiatives may be previous actions carried forward for this plan update. These initiatives are dependent upon available funding (grants and local match availability) and may be modified or omitted at any time based on the occurrence of new hazard events and changes in municipal priorities. Both the four FEMA mitigation action categories and the six CRS mitigation action categories are listed in the table below to further demonstrate the wide-range of activities and mitigation measures selected.

As discussed in Section 6 (Mitigation Strategy), fourteen criteria are used to evaluate and prioritize each proposed mitigation action. A numeric factor is assigned (-1, 0, or 1) to each criterion to provide a relative indication of the opportunities and constraints of each action. A numerical sum of the input provides the basis of the prioritization of actions wherein each action is assigned a category of Low, Medium, or High to indicate an implementation hierarchy. A High priority action indicates the jurisdiction will prioritize its implementation and apply for funding, if needed, as opportunities become available during the plan period of performance. This does not prevent the jurisdiction from implementing other ranked actions; however, this provides a snapshot of implementation priority at the time of this plan update.

Table 9.8-16 provides a summary of the evaluation and prioritization for each proposed mitigation initiative. Refer to the action worksheets at the end of this annex for more details on the high-ranked hazards identified first for implementation.



Table 9.8-15. Proposed Hazard Mitigation Initiatives

Project Number	Project Name	Goals Met	Hazard(s) to be Mitigated	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Mitigation Category	CRS Category
2020-Bellport-001	Osborn Park	2, 8	Coastal Erosion, Flood, Hurricane, Nor'Easter, Severe Storm, Severe Winter Storm	<p>Problem: Osborn Park is impacted by flooding and erosion. This also impacts the Village of Bellport Marina and has damaged the boat ramp.</p> <p>Solution: The Village will build a new bulkhead along Osborn Park and the east side of the marina. The Village will re-engineer and rebuild the boat ramp according to FEMA standards.</p>	No	May require permitting for bulkhead replacement	Within 5 years	Mayor's Office	\$570,000	Reduction in flooding and flood/erosional damage to park, marina, and boat ramp	FEMA HMP, PDM, BRIC, Municipal budget	High	SIP	PP
2020-Bellport-002	Brown's Lane	2	Flood, Coastal Erosion, Hurricane, Nor'Easter, Severe Storm, Severe Winter Weather	<p>Problem: Coastal erosion is taking place at the end of Brown's Lane. The existing bulkhead is sinking. The roadway is low-lying and prone to flooding.</p> <p>Solution: The Village will rebuild and replace the existing bulkhead to higher standards. The Village will raise the roadway elevation.</p>	No	May require permitting for bulkhead replacement	Within 5 years	Mayor's Office	\$250,000	Reduction in erosion and flooding frequency	FEMA HMP, PDM, BRIC, Municipal budget	High	SIP	PP
2020-Bellport-003	Village Pavilion at Ho-Hum Beach	1, 2, 3, 8	Flood, Coastal Erosion, Hurricane, Nor'Easter, Severe Storm, Severe Winter Weather	<p>Problem: The Village had rebuilt the Village Pavilion at Ho-Hum Beach on Fire Island behind the primary dune. The breach that had occurred during Sandy west of the Bridge, has remained open and continues to erode overtime. While the pavilion previously sat on a dune, it now is located over water and is inaccessible. The continued exposure of the pavilion is causing damage to the pavilion and results in it becoming a navigation and swimming hazard.</p> <p>Solution: The Village will conduct an assessment to determine if</p>	No	NYS DEC and the National Seashore will need to permit and approve new location.	Within 2 years	Mayor's Office, NYS DEC, National Seashore, Town of Brookhaven	\$350,000	Remove navigation/swimming hazard	FEMA HMP, PDM, BRIC, Municipal budget	High	SIP	PP



Table 9.8-15. Proposed Hazard Mitigation Initiatives

Project Number	Project Name	Goals Met	Hazard(s) to be Mitigated	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Mitigation Category	CRS Category
				moving the existing pavilion is possible. The Village will move the pavilion if possible and remove the pavilion if relocation is not possible.										
2020-Bellport-004	Continuity of Operations Plan	1, 2, 6, 7, 8	All hazards	<p>Problem: The Village lacks a continuity of operations plan. An informal plan has been developed as a result of the CoVID pandemic but needs to be formalized.</p> <p>Solution: Develop formal continuity of operations plan.</p>	No	No	Within 5 years	Mayor's Office	\$2,000	Continuity of operations formalized	FEMA BRIC, Municipal budget	High	LPR	ES
2020-Bellport-005	Jetties and Seawall at Bellport Village Marina	2, 3, 5	Coastal Erosion, Hurricane, Nor'Easter	<p>Problem: Bellport Village Marina is damaged by wave and erosion damage. Some of the erosion also impacts Brown's Lane.</p> <p>Solution: Construct jetties and a seawall to protect the marina and boats from damaging wave action. Design placement of jetty to also reduce impact of erosion on Brown's Lane.</p>	No	Permitting will be required for construction	Within 5 years	Mayor's Office	\$700,000	Protection of marina infrastructure, boats from wave action	FEMA BRIC, Municipal budget	High	SIP	PP
2020-Bellport-006	Repetitive Loss Properties	1, 2, 6	Flood	<p>Problem: The Village has numerous repetitive loss properties.</p> <p>Solution: The Village will work with property owners to identify mitigation actions and support grant applications.</p>	No	No	Within 5 years	FPA, Property owners	TBD by mitigation actions	Reduction in flood losses	HMGP, PDM, FMA, BRIC	High	SIP	PP
2020-Bellport-007	Critical Facilities Outreach	6, 7	Flood	<p>Problem: The SCWA has a critical facility located in the 100 year floodplain of the Village.</p> <p>Solution: The FPA will conduct outreach with the facility manager to discuss flood risk and potential mitigation actions.</p>	Yes	No	Within 6 months	FPA	Staff time	Facility owner aware of flood risk	Village budget	High	EAP	PI

Notes:





Not all acronyms and abbreviations defined below are included in the table.

Acronyms and Abbreviations:

CAV	Community Assistance Visit
CRS	Community Rating System
DPW	Department of Public Works
EHP	Environmental Planning and Historic Preservation
FEMA	Federal Emergency Management Agency
FPA	Floodplain Administrator
HMA	Hazard Mitigation Assistance
N/A	Not applicable
NFIP	National Flood Insurance Program
OEM	Office of Emergency Management

Potential FEMA HMA Funding Sources:

FMA	Flood Mitigation Assistance Grant Program
HMGP	Hazard Mitigation Grant Program
PDM	Pre-Disaster Mitigation Grant Program

Timeline:

The time required for completion of the project upon implementation


Cost:

The estimated cost for implementation.

Benefits:

A description of the estimated benefits, either quantitative and/or qualitative.

Critical Facility:

Yes  Critical Facility located in 1% floodplain

Mitigation Category:

- Local Plans and Regulations (LPR) – These actions include government authorities, policies or codes that influence the way land and buildings are being developed and built.
- Structure and Infrastructure Project (SIP) - These actions involve modifying existing structures and infrastructure to protect them from a hazard or remove them from a hazard area. This could apply to public or private structures as well as critical facilities and infrastructure. This type of action also involves projects to construct manmade structures to reduce the impact of hazards.
- Natural Systems Protection (NSP) – These are actions that minimize damage and losses, and also preserve or restore the functions of natural systems.
- Education and Awareness Programs (EAP) – These are actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. These actions may also include participation in national programs, such as StormReady and Firewise Communities

CRS Category:

- Preventative Measures (PR) - Government, administrative or regulatory actions, or processes that influence the way land and buildings are developed and built. Examples include planning and zoning, floodplain local laws, capital improvement programs, open space preservation, and storm water management regulations.
- Property Protection (PP) - These actions include public activities to reduce hazard losses or actions that involve (1) modification of existing buildings or structures to protect them from a hazard or (2) removal of the structures from the hazard area. Examples include acquisition, elevation, relocation, structural retrofits, storm shutters, and shatter-resistant glass.
- Public Information (PI) - Actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. Such actions include outreach projects, real estate disclosure, hazard information centers, and educational programs for school-age children and adults.
- Natural Resource Protection (NR) - Actions that minimize hazard loss and also preserve or restore the functions of natural systems. These actions include sediment and erosion control, stream corridor restoration, watershed management, forest and vegetation management, and wetland restoration and preservation.
- Structural Flood Control Projects (SP) - Actions that involve the construction of structures to reduce the impact of a hazard. Such structures include dams, setback levees, floodwalls, retaining walls, and safe rooms.
- Emergency Services (ES) - Actions that protect people and property during and immediately following a disaster or hazard event. Services include warning systems, emergency response services, and the protection of essential facilities



Table 9.8-16. Summary of Prioritization of Actions

Project Number	Project Name	Life Safety	Property Protection	Cost-Effectiveness	Technical	Political	Legal	Fiscal	Environmental	Social	Administrative	Multi-Hazard	Timeline	Agency Champion	Other Community Objectives	Total	High / Medium / Low
2020-Bellport-001	Osborn Park	0	1	1	1	1	1	0	1	1	1	1	0	1	1	11	High
2020-Bellport-002	Brown's Lane	0	1	1	1	1	1	0	1	1	1	1	0	1	1	11	High
2020-Bellport-003	Village Pavilion at Ho-Hum Beach	1	1	1	1	1	0	0	1	1	1	1	1	1	1	12	High
2020-Bellport-004	Continuity of Operations Plan	1	1	1	1	1	1	0	1	1	1	1	0	1	1	12	High
2020-Bellport-005	Jetties and Seawall at Bellport Village Marina	0	1	1	1	1	0	0	0	1	1	1	0	1	1	9	High
2020-Bellport-006	Repetitive Loss Properties	1	1	1	1	1	1	0	1	1	1	0	0	1	1	11	High
2020-Bellport-007	Critical Facilities Outreach	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	High

Note: Refer to Section 6, which conveys guidance on prioritizing mitigation actions. Low (0-4), Medium (5-8), High (9-14).





9.8.11 Proposed Mitigation Action Types

The table below indicates the range of proposed mitigation action categories.

Table 9.8-17. Analysis of Mitigation Actions by Hazard and Category

Hazard	FEMA				CRS					
	LPR	SIP	NSP	EAP	PR	PP	PI	NR	SP	ES
Coastal Erosion	2020-Bellport-004	2020-Bellport-001, 2020-Bellport-002, 2020-Bellport-003, 2020-Bellport-005				2020-Bellport-001, 2020-Bellport-002, 2020-Bellport-003, 2020-Bellport-005				2020-Bellport-004
Cyber Security	2020-Bellport-004									2020-Bellport-004
Disease Outbreak	2020-Bellport-004									2020-Bellport-004
Drought	2020-Bellport-004									2020-Bellport-004
Earthquake	2020-Bellport-004									2020-Bellport-004
Expansive Soils	2020-Bellport-004									2020-Bellport-004
Extreme Temperature	2020-Bellport-004									2020-Bellport-004
Flood	2020-Bellport-004	2020-Bellport-001, 2020-Bellport-002, 2020-Bellport-003, 2020-Bellport-006		2020-Bellport-007		2020-Bellport-001, 2020-Bellport-002, 2020-Bellport-003, 2020-Bellport-006	2020-Bellport-007			2020-Bellport-004
Groundwater Contamination	2020-Bellport-004									2020-Bellport-004
Hurricane	2020-Bellport-004	2020-Bellport-001, 2020-Bellport-002, 2020-Bellport-				2020-Bellport-001, 2020-Bellport-002, 2020-Bellport-				2020-Bellport-004



Hazard	FEMA				CRS					
	LPR	SIP	NSP	EAP	PR	PP	PI	NR	SP	ES
		003, 2020- Bellport- 005				003, 2020- Bellport- 005				
Infestation and Invasive Species	2020- Bellport- 004									2020-Bellport-004
Nor'Easter	2020- Bellport- 004	2020- Bellport- 001, 2020- Bellport- 002, 2020- Bellport- 003, 2020- Bellport- 005				2020- Bellport- 001, 2020- Bellport- 002, 2020- Bellport- 003, 2020- Bellport- 005				2020-Bellport-004
Severe Storm	2020- Bellport- 004	2020- Bellport- 001, 2020- Bellport- 002, 2020- Bellport- 003				2020- Bellport- 001, 2020- Bellport- 002, 2020- Bellport- 003				2020-Bellport-004
Severe Winter Storm	2020- Bellport- 004	2020- Bellport- 001, 2020- Bellport- 002, 2020- Bellport- 003				2020- Bellport- 001, 2020- Bellport- 002, 2020- Bellport- 003				2020-Bellport-004
Shallow Groundwater	2020- Bellport- 004									2020-Bellport-004
Wildfire	2020- Bellport- 004									2020-Bellport-004

Note: Section 6 (Mitigation Strategy) provides for an explanation of the mitigation categories.

9.8.12 Staff and Local Stakeholder Involvement in Annex Development

The Village of Bellport followed the planning process described in Section 3 (Planning Process) in Volume I of this plan update. This annex was developed over the course of several months with input from many Village departments, including: the Building Department and Code Enforcement. The Village Clerk represented the community on the Suffolk County Hazard Mitigation Plan Planning Partnership, and supported the local planning process requirements by securing input from persons with specific knowledge to enhance the plan. All departments were asked to contribute to the annex development through reviewing and contributing to the capability assessment, reporting on the status of previously identified actions, and participating in action identification and prioritization.



The following table summarizes who participated and in what capacity. Additional documentation on the municipality’s planning process through Planning Partnership meetings is included in Section 3 (Planning Process) and Appendix C (Meeting Documentation).

Table 9.8-18. Contributors to the Annex

Name	Title/Entity	Method of Participation
John Kocay	Clerk	Primary POC.
Marylou Bono	Building Department Supervisor	NFIP FPA, attended plan participant meetings, provided impact data and information, provided input on the mitigation strategy
Donald Mullins	Director of Code Enforcement	Secondary POC, attended plan participant meetings, provided impact data and information, provided input on the mitigation strategy

9.8.13 Hazard Area Extent and Location

Hazard area extent and location maps have been generated for the Village of Bellport that illustrate the probable areas that may be impacted within the municipality. These maps are based on the best available data at the time of the preparation of this plan and are considered to be adequate for planning purposes. The maps have only been generated for those hazards that can be clearly identified using mapping techniques and technologies, and for which the Village of Bellport has significant exposure.



Figure 9.8-1. Village of Bellport Hazard Area Extent and Location Map

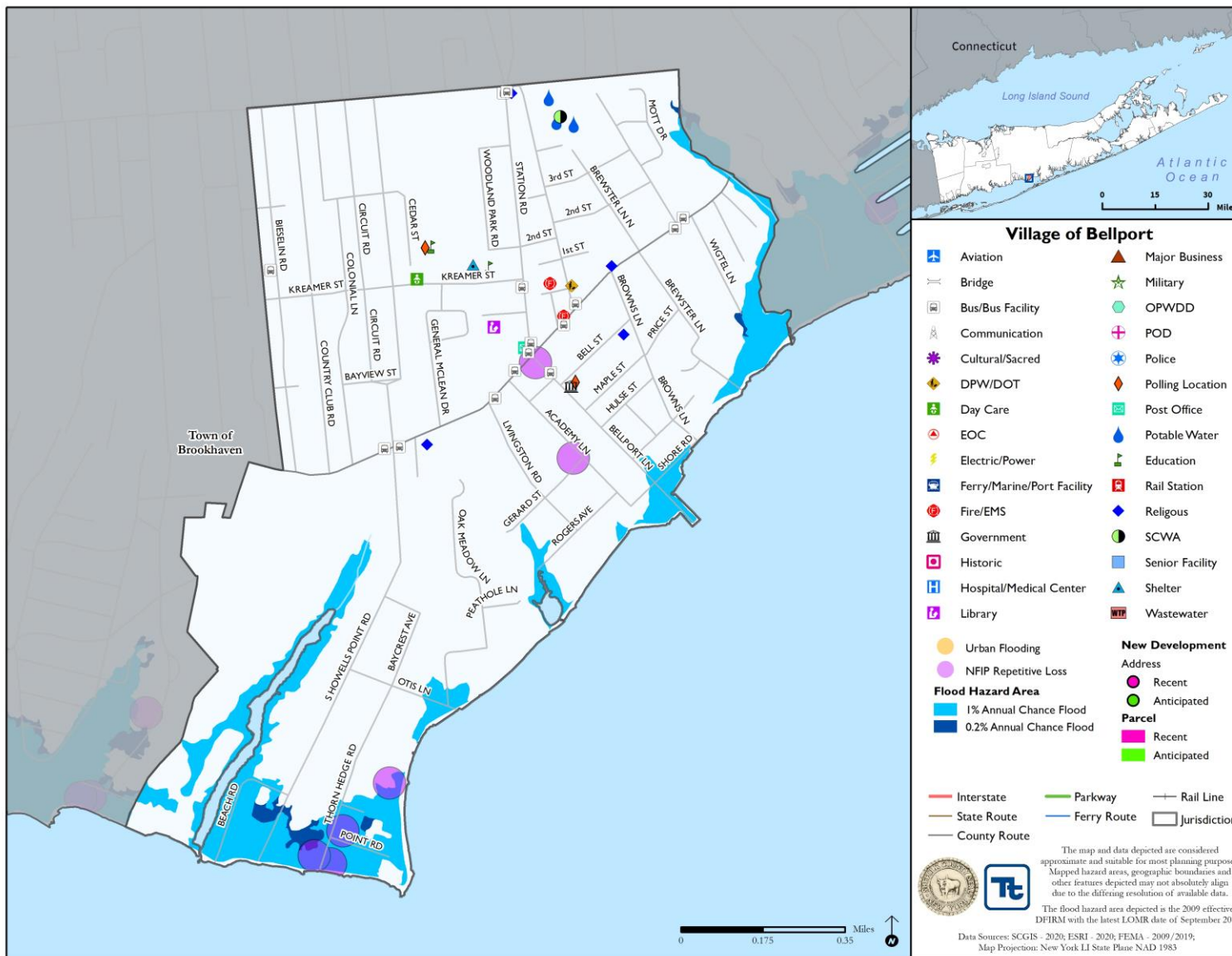




Figure 9.8-2. Village of Bellport Hazard Area Extent and Location Map 2

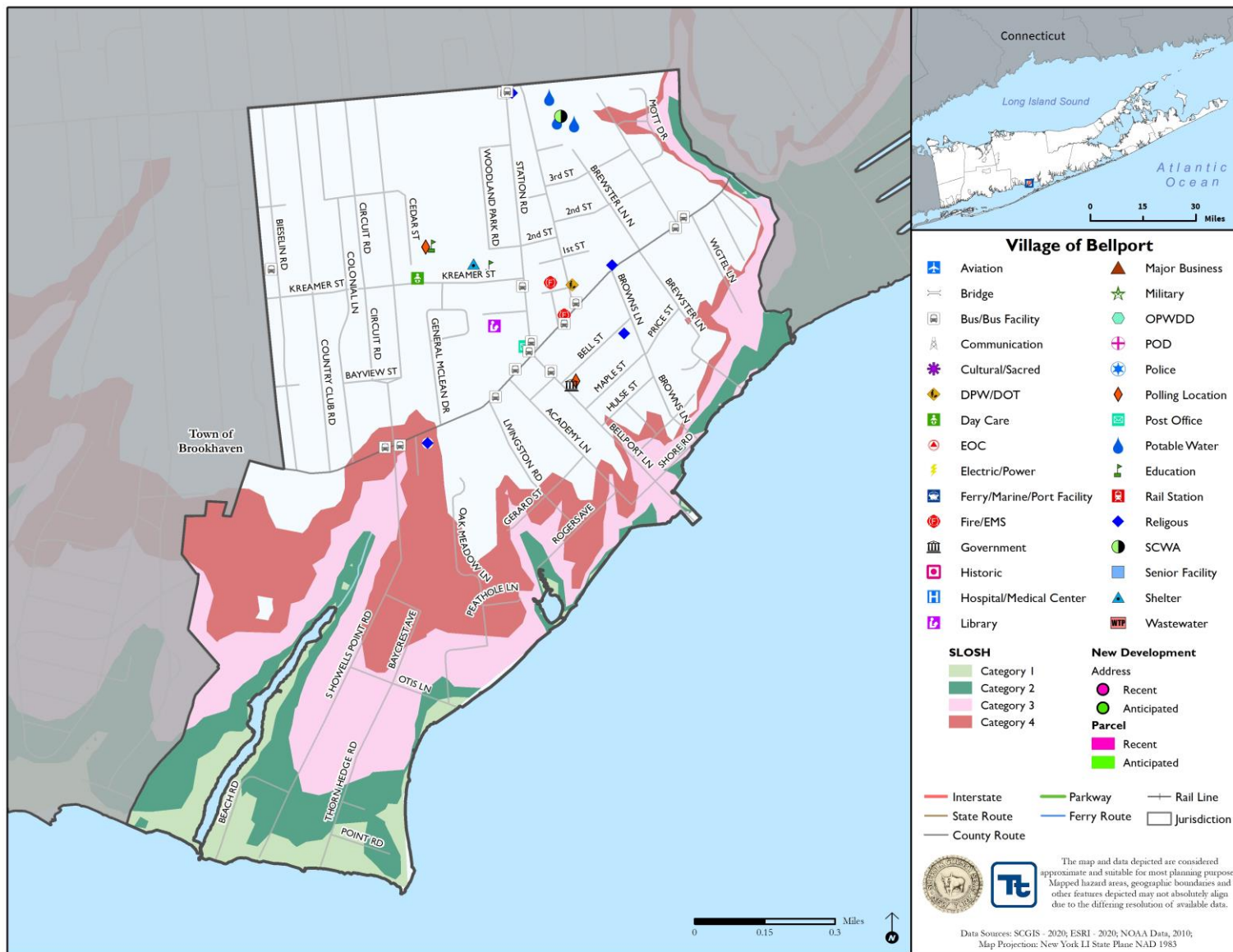




Figure 9.8-3. Village of Bellport Hazard Area Extent and Location Map 3

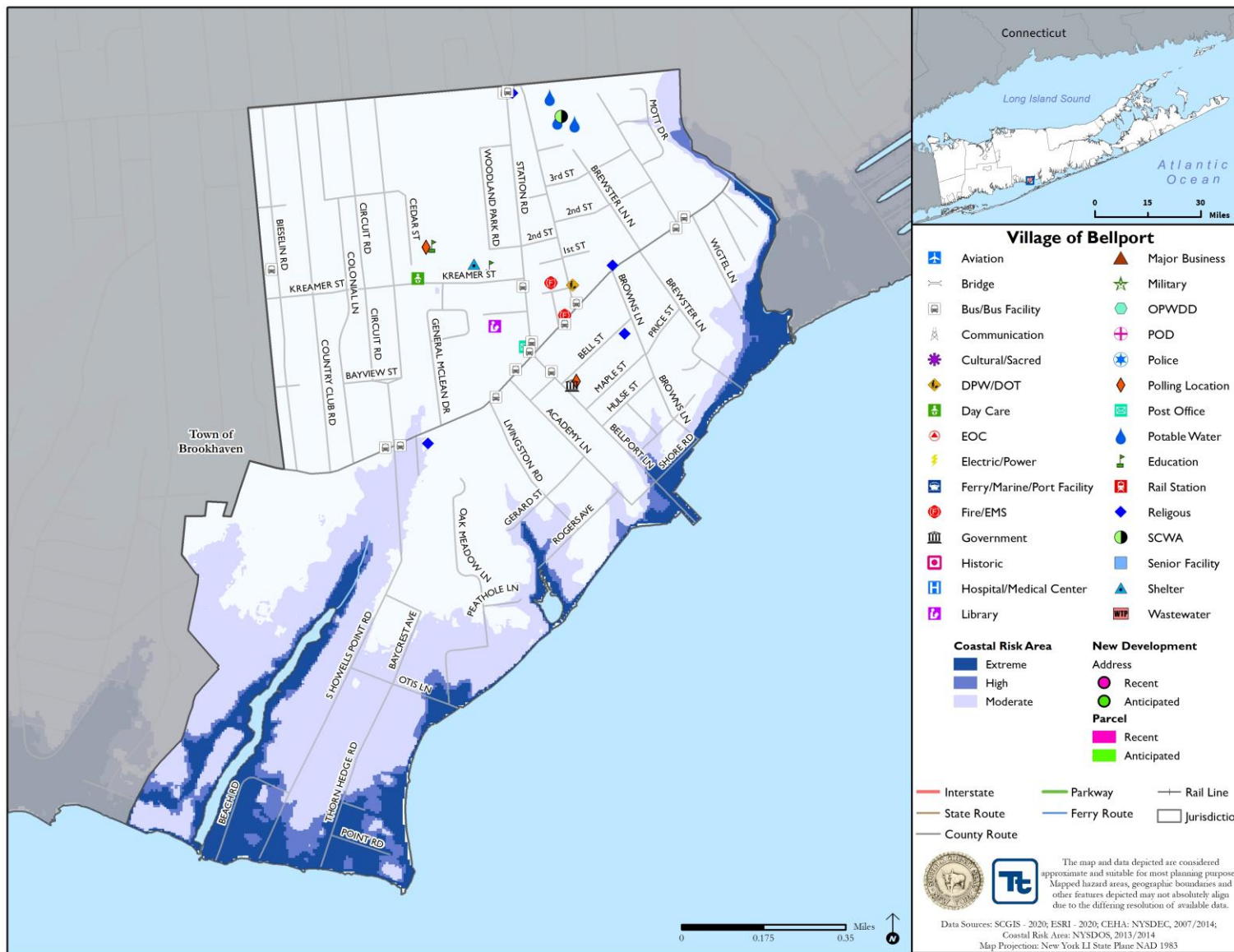




Figure 9.8-4. Village of Bellport Hazard Area Extent and Location Map 4

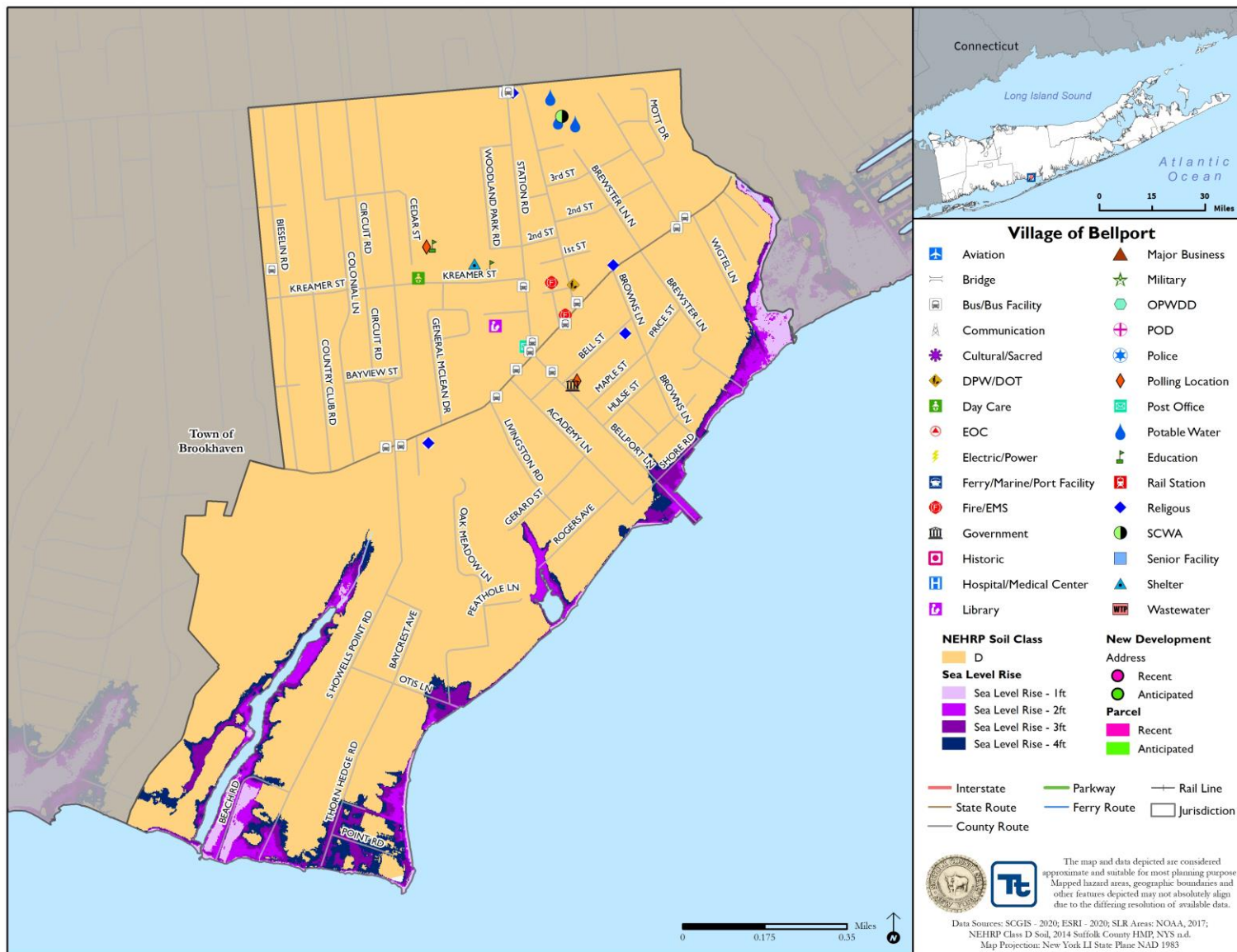
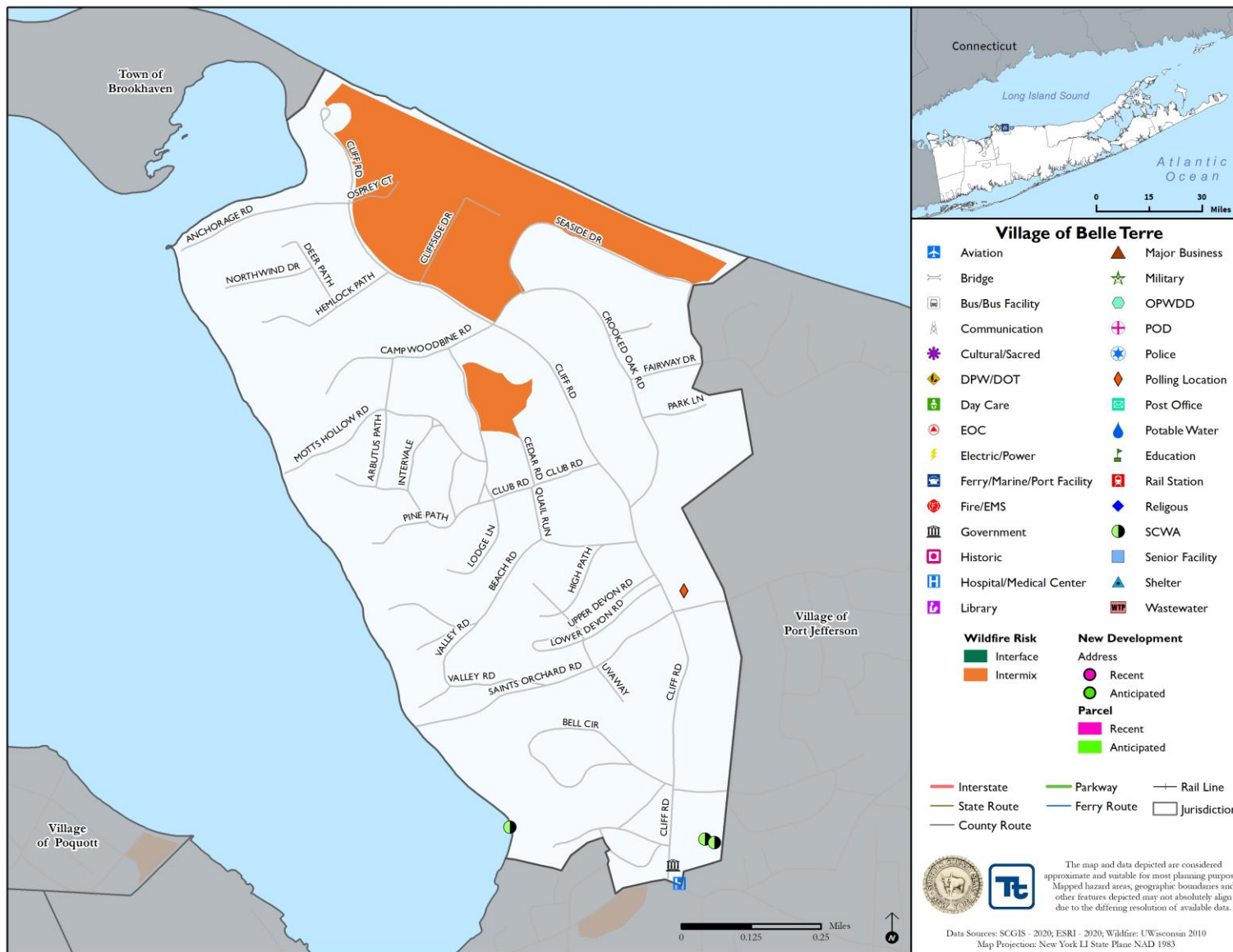




Figure 9.8-5. Village of Bellport Hazard Area Extent and Location Map 5





Action Worksheet			
Project Name:	Osborn Park		
Project Number:	2020-Bellport-001		
Risk / Vulnerability			
Hazard(s) of Concern:	Coastal Erosion, Flood, Hurricane, Nor'Easter, Severe Storm, Severe Winter Storm		
Description of the Problem:	Osborn Park is impacted by flooding and erosion. This also impacts the Village of Bellport Marina and has damaged the boat ramp.		
Action or Project Intended for Implementation			
Description of the Solution:	The Village will build a new bulkhead along Osborn Park and the east side of the marina. The bulkhead will be approximately 225 feet long. The Village will re-engineer and rebuild the boat ramp according to FEMA standards.		
Is this project related to a Critical Facility?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Is this project related to a Critical Facility located within the 100-year floodplain?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
(If yes, this project must intend to protect to the 500-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	Erosion of park and marina prevented. Damages to boat ramp mitigated.	Estimated Benefits (losses avoided):	Reduction in flooding and flood/erosional damage to park, marina, and boat ramp
Useful Life:	15 years	Goals Met:	2, 8
Estimated Cost:	\$570,000	Mitigation Action Type:	Structure and Infrastructure Project
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	Within 5 years
Estimated Time Required for Project Implementation:	6 months	Potential Funding Sources:	FEMA HMP, PDM, BRIC, Municipal budget
Responsible Organization:	Mayor's Office	Local Planning Mechanisms to be Used in Implementation if any:	Hazard mitigation planning
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Problem continues.
	Retreat from Park and Marina	\$0	Loss of community park and marina
	Remove Boat ramp	\$25,000	Loss of water access
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			



Evaluation and Prioritization		
Project Name:	Osborn Park	
Project Number:	2020-Bellport-001	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	0	
Property Protection	1	Project will protect park, marina, and boat ramp from flood and erosion damage
Cost-Effectiveness	1	
Technical	1	The project is technically feasible
Political	1	
Legal	1	The Village has the legal authority to complete the project
Fiscal	0	Project requires funding support
Environmental	1	
Social	1	Project protect social asset
Administrative	1	
Multi-Hazard	1	Coastal Erosion, Flood, Hurricane, Nor'Easter, Severe Storm, Severe Winter Storm
Timeline	0	Within 5 years
Agency Champion	1	Mayor's Office
Other Community Objectives	1	Project will protect community asset
Total	11	
Priority (High/Med/Low)	High	



Action Worksheet			
Project Name:	Brown's Lane		
Project Number:	2020-Bellport-002		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood, Coastal Erosion, Hurricane, Nor'Easter, Severe Storm, Severe Winter Weather		
Description of the Problem:	Coastal erosion is taking place at the end of Brown's Lane. The existing bulkhead is sinking. The roadway is low-lying and prone to flooding.		
Action or Project Intended for Implementation			
Description of the Solution:	The Village will rebuild and replace the existing bulkhead to higher standards. The Village will raise the roadway elevation when it is repaved.		
Is this project related to a Critical Facility?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Is this project related to a Critical Facility located within the 100-year floodplain?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
(If yes, this project must intend to protect the 500-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	Roadway raised	Estimated Benefits (losses avoided):	Reduction in erosion and flooding frequency
Useful Life:	15 years	Goals Met:	2
Estimated Cost:	\$250,000	Mitigation Action Type:	Structure and Infrastructure Project
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	Within 5 years
Estimated Time Required for Project Implementation:	3 months	Potential Funding Sources:	FEMA HMP, PDM, BRIC, Municipal budget
Responsible Organization:	Mayor's Office, NYS DEC support for permitting	Local Planning Mechanisms to be Used in Implementation if any:	Hazard mitigation planning
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Problem continues.
	Retreat from roadway end	Not feasible	Three structures would be isolated and lose access.
	Replace bulkhead but not raise road	\$180,000	Roadway flooding still likely
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			



Action Worksheet		
Project Name:	Brown's Lane	
Project Number:	2020-Bellport-002	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	0	
Property Protection	1	Project will protect roadway from flood and erosion damage
Cost-Effectiveness	1	
Technical	1	The project is technically feasible
Political	1	
Legal	1	The Village has the legal authority to complete the project
Fiscal	0	Project requires funding support
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	1	Coastal Erosion, Flood, Hurricane, Nor'Easter, Severe Storm, Severe Winter Storm
Timeline	0	Within 5 years
Agency Champion	1	Mayor's Office
Other Community Objectives	1	
Total	11	
Priority (High/Med/Low)	High	



Action Worksheet			
Project Name:	Village Pavilion at Ho-Hum Beach		
Project Number:	2020-Bellport-003		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood, Coastal Erosion, Hurricane, Nor'Easter, Severe Storm, Severe Winter Weather		
Description of the Problem:	<p>The Village had rebuilt the Village Pavilion at Ho-Hum Beach on Fire Island behind the primary dune. The breach that had occurred during Sandy west of the Bridge, has remained open and continues to erode overtime. While the pavilion previously sat on a dune, it now is located over water and is inaccessible. The continued exposure of the pavilion is causing damage to the pavilion and results in it becoming a navigation and swimming hazard.</p> <p>The structure was designed to be dismantled and moved.</p>		
Action or Project Intended for Implementation			
Description of the Solution:	The Village will dismantle the pavilion and reassemble it in a safer location, pulled back from the shoreline, working with NYS DEC and National Seashore for permitting for the new location. The Village will work with the Town of Brookhaven to move equipment through town owned property to assist in the removal and relocation process.		
Is this project related to a Critical Facility?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Is this project related to a Critical Facility located within the 100-year floodplain?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
(If yes, this project must intend to protect the 500-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	Pavilion protected/removed	Estimated Benefits (losses avoided):	Remove navigation/swimming hazard
Useful Life:	15 years	Goals Met:	1, 2, 3, 8
Estimated Cost:	\$350,000	Mitigation Action Type:	Structure and Infrastructure Project
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	Within 2 years
Estimated Time Required for Project Implementation:	6 months	Potential Funding Sources:	FEMA HMP, PDM, BRIC, Municipal budget
Responsible Organization:	Mayor's Office, NYS DEC, National Seashore, Town of Brookhaven	Local Planning Mechanisms to be Used in Implementation if any:	Hazard mitigation planning
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Problem continues.
	Use helicopter to remove the pavilion	\$75,000	It has been determined that no helicopter is large enough to handle the load capacity.
	Rebuild beach and dune	\$1 million	Erosion likely to continue and re-expose pavilion
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			



Action Worksheet		
Project Name:	Village Pavilion at Ho-Hum Beach	
Project Number:	2020-Bellport-003	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Project will remove a navigation and swimming hazard
Property Protection	1	Project will protect pavilion from damage
Cost-Effectiveness	1	
Technical	1	The project is technically feasible
Political	1	
Legal	0	The Village will work with NYS DEC and the National Seashore to permit the use of a new location.
Fiscal	0	Project requires funding support
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	1	Coastal Erosion, Flood, Hurricane, Nor'Easter, Severe Storm, Severe Winter Storm
Timeline	1	Within 2 years
Agency Champion	1	Mayor's Office
Other Community Objectives	1	
Total	12	
Priority (High/Med/Low)	High	