



9.2 Town of Brighton

This section presents the jurisdictional annex for the Town of Brighton that provides 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 to reduce or eliminate damage to property and people that can be implemented prior to a disaster. Information presented includes a general overview of the municipality, who in the Town participated in the planning process, an assessment of the Town of Brighton’s risk and vulnerability, the different capabilities used in the Town, and an action plan that will be implemented to achieve a more resilient community.

9.2.1 Hazard Mitigation Planning Team

The Town of Brighton identified the hazard mitigation plan primary and alternate points of contact and developed this plan over the course of several months with input from many Town departments, including Commissioner of Public Works, Junior Engineer, and Monroe Community College. The Commissioner of Public Works represented the community on the Monroe 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 municipal officials that participated in the development of the annex and in what capacity. Additional documentation on the municipality’s planning process through Planning Partnership meetings is included in Volume 1, Section 3 (Planning Process) and Appendix C (Meeting Documentation).

Table 9.2-1. Hazard Mitigation Planning Team

Primary Point of Contact	Alternate Point of Contact
Name/Title: Michael Guyon – Commissioner of Public Works Address: 2300 Elmwood Avenue, Rochester NY, 14618 Phone Number: 585-784-5225 Email: Mike.Guyon@townofbrighton.org	Name/Title: Chad Roscoe – Junior Engineer Address: 2300 Elmwood Avenue, Rochester NY, 14618 Phone Number: 585-784-5224 Email: Chad.Roscoe@townofbrighton.org
NFIP Floodplain Administrator	
Name/Title: Chad Roscoe – Junior Engineer Address: 2300 Elmwood Avenue, Rochester NY, 14618 Phone Number: 585-784-5224 Email: Chad.Roscoe@townofbrighton.org	
Additional Contributors	
Name/Title: Michael Guyon/Commissioner of Public Works Method of Participation: Provided data and information	
Name/Title: Evert Garcia/Town Engineer Method of Participation: Review floodplain development permit applications	

9.2.2 Municipal Profile

The Town of Brighton is in the central part of Monroe County on the southeast border of the City of Rochester. The Town consists of 15.6 square miles in land area and 0.1 square mile in water area. Brighton is bordered by the City of Rochester and the Town of Irondequoit to the northwest, the Town of Henrietta to the south, the Genesee River to the west, and the towns of Pittsford and Penfield to the east. While Brighton does not have a central village, the Town’s commercial and entertainment core is the Twelve Corners, where three intersecting roads, Winton Road, Monroe Avenue and Elmwood Avenue, form 12 distinct corners. The Erie Canal runs





through Brighton. The Canal, Allens Creek, and Buckland Creek are the most significant local waterways (Monroe County HMP 2017).

According to the U.S. Census, the 2020 population for the Town of Brighton was 37,137, a 1.44 percent increase from the 2010 Census. Data from the 2020 U.S. Census indicate that 3.6 percent of the population is 5 years of age or younger and 20.7 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.

9.2.3 Jurisdictional Capability Assessment and Integration

The Town of Brighton performed an inventory and analysis of existing capabilities, plans, programs, and policies that enhance its ability to implement mitigation strategies. Volume 1, Section 6 (Capability Assessment) describes the components included in the capability assessment and their significance for hazard mitigation planning. The jurisdictional assessment includes the following analyses:

- An assessment of legal and regulatory capabilities.
- Development and permitting capabilities.
- An assessment of administrative and technical capabilities.
- An assessment of fiscal capabilities.
- An assessment of education and outreach capabilities.
- Classification under various community mitigation programs.
- The community’s adaptive capacity to withstand hazard events.

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 the hazard mitigation analysis, planning/policy documents were reviewed, and each jurisdiction was surveyed to obtain a better understanding of their progress toward plan integration. The updated mitigation strategy provided an opportunity for the Town of Brighton to identify opportunities for integration of mitigation concepts that can be incorporated into municipal procedures.

Planning, Legal, and Regulatory Capability and Integration

The table below summarizes the regulatory tools that are available to the Town of Brighton. The comment field provides information as to how the capability integrates hazard mitigation and risk reduction.

Table 9.2-2. Planning, Legal, and Regulatory Capability and Integration

	Jurisdiction has this? (Yes/No)	Citation and Date (code chapter or name of plan, date of enactment or plan adoption)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
<i>Codes, Ordinances, & Regulations</i>				
Building Code	Yes	New York State Uniform Fire Prevention and Building Code	State and Local	Commissioner of Public Works, Building and Planning Department, Fire Marshal’s Office
<i>How does this reduce risk?</i>				
The Town of Brighton has adopted the New York State Uniform Fire Prevention and Building Code.				
Zoning/Land Use Code	Yes	Town of Brighton Comprehensive Development Regulations (Part III)	Local	Building and Planning Department



	Jurisdiction has this? (Yes/No)	Citation and Date (code chapter or name of plan, date of enactment or plan adoption)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
		of Town Code), Chapter 201 General Provisions Town of Brighton updated their Comprehensive Plan in 2018		
<i>How does this reduce risk?</i> The zoning regulations as herein established have been made in accordance with the Comprehensive Zoning Plan in the interest of the protection and promotion of the public health, safety and welfare of the residents of Brighton, New York, and to facilitate the efficient and adequate provision of public facilities and services, to provide assurance of adequate sites for residents, industry, and commerce while reducing and preventing traffic congestion while promoting efficient and safe travel ways for vehicles and pedestrians, and to maximize the protection of residential areas while gradually eliminating nonconforming uses. They have been made with reasonable consideration, among other things, to encourage flexibility in the design and development of land in such a way as to promote the most appropriate use of lands, to facilitate the adequate and economical provision of streets and utilities, to preserve the natural and scenic qualities of open lands and to protect the environment.				
Subdivision Ordinance	Yes	Chapter 213 of the Comprehensive Development Regulations, Subdivision Regulations	Local	Building and Planning Department
<i>How does this reduce risk?</i> This Article describes procedures for major subdivisions, minor subdivisions, one-lot subdivisions, lot-line adjustments and resubdivisions. This Article also describes design and performance standards for all subdivisions within the Town.				
Site Plan Ordinance	Yes	Chapter 217, Article III of the Comprehensive Development Regulations, Approval of Site Plans	Local and County	Department of Public Works
<i>How does this reduce risk?</i> The purpose of site plan approval is to determine compliance with the objectives of this article in zoning districts where inappropriate development may cause a conflict between uses in the same or adjoining zoning district by creating unhealthful and unsafe conditions and thereby adversely affect the public health, safety, and general welfare.				
Stormwater Management Ordinance	Yes	Chapter 215 of the Comprehensive Development Regulations, Storm Water Management; NYSDEC, MS4, Jan 2003, Revised May 2010	Local	Department of Public Works
<i>How does this reduce risk?</i> It is the purpose and intent of this chapter to protect the Town of Brighton and its residents from adverse effects of stormwater runoff caused by the modification of existing drainage systems during construction, reconstruction or development on one or more parcels of land, and to promote water quality.				
Post-Disaster Recovery/ Reconstruction Ordinance	No	-	-	-
<i>How does this reduce risk?</i>				
Real Estate Disclosure	Yes	Property Condition Disclosure Act, NY Code - Article 14 §460-467	State	NYS Department of State, Real Estate Agent
<i>How does this reduce risk?</i> In addition to facing potential liability for failing to disclose under the exceptions to “caveat emptor,” a home seller must make certain disclosures under the law or pay a credit of \$500 to the buyer at closing. While the PCDA requires a seller to complete a standardized disclosure statement and deliver it to the buyer before the buyer signs the final purchase contract, in practice, most home sellers in New York opt not to complete the statement and instead pay the credit.				
Growth Management	No	-	-	-
<i>How does this reduce risk?</i>				
Environmental Protection Ordinance	Yes	Chapter 203 of the Comprehensive Development Regulations	Local	Building and Planning Department
<i>How does this reduce risk?</i> The Chapter of Comprehensive Development Regulations discusses the regulations of environmental protection overlay districts, within this chapter steep slopes, watercourses and floodplains, woodlots and waste disposal sites are identified. Steep slopes protection district is established to minimize the impacts of development activities on steep slopes in the Town of Brighton through regulating activities and by requiring review and permit approval prior to project commencement. The developmental impacts include soil erosion and sedimentation,				



	Jurisdiction has this? (Yes/No)	Citation and Date (code chapter or name of plan, date of enactment or plan adoption)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
<p>destruction of vegetation, increased runoff rates and slope failure. The regulations contained in this district are designed to minimize the disturbance or removal of existing vegetation, prevent increased erosion and runoff, maintain established drainage systems, locate development where it is less likely to cause future slope failures and to retain, as much as possible, the natural character of these areas.</p> <p>Watercourses and floodplain protection districts are designed to provide special control to guide land developments within the major waterway corridors in the Town of Brighton. The district encourages planning and development of land which will protect and preserve sensitive environmental areas; prevent soil erosion, sedimentation and slope failure due to removal of vegetation, dredging, filling, damming or channelization; prevent degradation or loss of scenic views and the natural character of the area; and prevent activities which degrade water quality.</p> <p>Woodlot protection districts are designed to preserve and protect woodlots and trees located within the Town of Brighton by regulating or controlling development in those areas and by requiring review and permit approval prior to project commencement.</p> <p>Waste disposal sites have the potential to pose a hazard to health and environments. The regulations contained in this district are designed to promote a coordinated review by appropriate agencies and the Town, analyze known waste disposal sites prior to development and protect humans, animals, structures and the environment from exposure to potential contamination through direct or indirect contact. The purpose of the Waste Disposal Site District is to identify and evaluate any confirmed waste disposal sites located on a site or within 2,000 feet of a proposed development and regulate any activity in these areas by requiring review and permit approval prior to project commencement.</p>				
Flood Damage Prevention Ordinance	Yes	Chapter 211 of the Comprehensive Development Regulations, Flood Damage Prevention	Federal, State, County and Local	Department of Public Works
<p><i>How does this reduce risk?</i></p> <p>It is the purpose of this chapter to promote the public health, safety and general welfare and to minimize public and private losses due to flood conditions in specific areas by provisions designed to:</p> <ul style="list-style-type: none"> A. Regulate uses which are dangerous to health, safety and property due to water or erosion hazards or which result in damaging increases in erosion or in flood heights or velocities. B. Require that uses vulnerable to floods, including facilities which serve such uses, be protected against flood damage at the time of initial construction. C. Control the alteration of natural floodplains, stream channels and natural protective barriers which are involved in the accommodation of floodwaters. D. Control filling, grading, dredging and other development which may increase erosion or flood damages. E. Regulate the construction of flood barriers which will unnaturally divert floodwaters or which may increase flood hazards to other lands. F. Qualify for and maintain participation in the National Flood Insurance Program. <p>The following standards apply to residential structures located in areas of special flood hazard as indicated:</p> <ul style="list-style-type: none"> • Within Zones A1-A30, AE and AH and also Zone A if base flood elevation data are available, new construction and substantial improvements shall have the lowest floor (including basement) elevated two feet or more above the base flood level. • Within Zone A, when no base flood elevation data are available, new and substantially improved structures shall have the lowest floor (including basement) elevated at least three feet above the highest adjacent grade. • Within Zone AO, new and substantially improved structures shall have the lowest floor (including basement) elevated above the highest adjacent grade at least as high as the depth number specified in feet on the community's Flood Insurance Rate Map enumerated in § 211-6 (at least two feet if no depth number is specified). • Within Zones AH and AO, adequate drainage paths are required to guide floodwaters around and away from proposed structures on slopes. • The following standards apply to new and substantially improved commercial, industrial and other nonresidential structures: • Within Zones A1-A30, AE and AH, and also Zone A if base flood elevation data are available, new construction and substantial improvements of any nonresidential structure, together with attendant utility and sanitary facilities, shall either: <ul style="list-style-type: none"> ○ Have the lowest floor, including basement or cellar, elevated two feet or more above the base flood elevation; or ○ Be floodproofed so that the structure is watertight below a level three feet or more above the base flood level with walls substantially impermeable to the passage of water. All structural components located below the base flood level must be capable of resisting hydrostatic and hydrodynamic loads and the effects of buoyancy. • Within Zone AO, new construction and substantial improvements of nonresidential structures shall: <ul style="list-style-type: none"> ○ Have the lowest floor (including basement) elevated above the highest adjacent grade at least as high as the depth number specified in feet on the community's FIRM (at least two feet if no depth number is specified); or ○ Together with attendant utility and sanitary facilities, be completely floodproofed. ○ If the structure is to be floodproofed, a licensed professional engineer or architect shall develop and/or review structural design, specifications, and plans for construction. A floodproofing certificate or other certification shall be provided to the local administrator that certifies the design and methods of construction are in accordance with accepted standards of practice, including the specific elevation (in relation to mean sea level) to which the structure is to be floodproofed. 				



	Jurisdiction has this? (Yes/No)	Citation and Date (code chapter or name of plan, date of enactment or plan adoption)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
<ul style="list-style-type: none"> Within Zones AH and AO, adequate drainage paths are required to guide floodwaters around and away from proposed structures on slopes. Within Zone A, when no base flood elevation data are available, the lowest floor (including basement) shall be elevated at least three feet above the highest adjacent grade. 				
Wellhead Protection	No	-	-	-
<i>How does this reduce risk?</i>				
Emergency Management Ordinance	Yes	Chapter 5 Continuity of Government	Local	Town Board
<i>How does this reduce risk?</i> This chapter is adopted so that on such occasions the government of the Town of Brighton, New York, may continue to function properly and efficiently under emergency circumstances.				
Climate Change Ordinance	No	-	-	-
<i>How does this reduce risk?</i>				
Other	-	-	-	-
<i>How does this reduce risk?</i>				
Planning Documents				
Comprehensive Plan	Yes	Envision Brighton 2028	Local	Building and Planning Department
<i>How does this reduce risk?</i> Envision Brighton 2028 is the Town's comprehensive plan. The plan documents existing conditions including discussion of the Town's natural resources; parks & open space; municipal infrastructure; community resources; land use; and zoning. The Plan also establishes environmental policies, public health and safety policies, and recommendations for land use. The future land use polices promote the preservation of open space areas that have significant ecological value, and sensitive environmental areas, including wetlands, floodplains, watercourses, woodlots, steep slopes, and wildlife habitats, sustainable development practices that protect sensitive environmental areas, enhance biodiversity, and create or maintain quality open space areas, and minimizing local sources of air, water, soil, light, heat, and noise pollution. Envision Brighton 2018 discusses future plans to make significant reductions in greenhouse gas emissions and increase climate resilience to adapt to unavoidable change by promoting and supporting the increased use of renewable energy sources and discourage any increased large scale transport and/or use of fossil fuels.				
Capital Improvement Plan	Yes	2023-2025 Capital Improvement Plan	Local	Finance Department
<i>How does this reduce risk?</i> The CIP sets the framework for targeting investment into public infrastructure over a three-year period, to prioritize improvements to and mitigate failure risk.				
Disaster Debris Management Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Floodplain Management or Watershed Plan	Yes	Chapter 211 of the Comprehensive Development Regulations, Flood Damage Prevention	Federal, State, County and Local	Department of Public Works
<i>How does this reduce risk?</i> Ensures that development is consistent with floodplain concerns and sets a framework for managing waterways and flooding.				
Stormwater Management Plan	Yes	Storm Water Management and MS-4 SWMP, 2012 rev 2017	Local	Department of Public Works
<i>How does this reduce risk?</i> The Town's stormwater management program complies with Part IV.A of the New State DEC General Permit for Stormwater Discharges from MS4 and provides the Town with guidance on maintaining/improving its water quality. The plan focuses on six distinct minimum measures: <ol style="list-style-type: none"> (1) public education and outreach on stormwater impacts (2) public involvement and participation, (3) illicit discharge detection and elimination, (4) construction stormwater management, (5) post-construction stormwater management, and (6) pollutant prevention and good housekeeping for municipal operations. 				



	Jurisdiction has this? (Yes/No)	Citation and Date (code chapter or name of plan, date of enactment or plan adoption)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
Each minimum measure chapter includes a description of the control measure, general permit requirements, methodology to ensure compliance, best management practices (BMP) in progress, BMPs under future consideration, and minimum required reporting.				
Open Space Plan	Yes	Chapter III, Open Space & Recreation Plan, Comprehensive Plan 2000; Town of Brighton Open Space Index Update, 2006-2007;	Local	Building and Planning Department
<i>How does this reduce risk?</i> The Town of Brighton developed its first Open Space Index in 1973 and continued to regularly update this index to comply with Brighton Town Code Section 223-5 and NYS General Municipal Law Section 239. The index provides separate areas of open space in the Town and recommendations for future development or use of each site. For the current version, the Town identified 25 separate open space areas. When developing recommendations for each site, the Town considers potential hazard locations and the benefit of preserving natural functions, particularly regarding the floodplain and wetlands.				
Urban Water Management Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Habitat Conservation Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Economic Development Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Shoreline Management Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Community Wildfire Protection Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Community Forest Management Plan	Yes	Town of Brighton Forestry Plan	Local	Tree Council/Conservation Board
<i>How does this reduce risk?</i> As envisioned by the ordinance authorizing the development of the Forestry Plan, the policies set forth in the Plan are intended to cover a wide range of subjects, including: 1.) Pruning of Town trees for tree health and public safety 2.) Preservation and management of mature trees 3.) Tree removal 4.) Planting new trees 5.) Diversification of tree species 6.) Protection of trees from damage by construction projects by utility, street and sidewalk maintenance				
Transportation Plan	Yes	Chapter X, Transportation Plan, Comprehensive Plan 2000	Local	Building and Planning Department
<i>How does this reduce risk?</i> The plan calls for improvements to bicycle infrastructure and minimizing curb cuts, which would serve to decrease car usage and minimize the Town's contribution to climate change and the risk factors involved. Reducing car infrastructure can also reduce stormwater runoff and risk for flash flooding.				
Agriculture Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Climate Action/ Resiliency/Sustainability Plan	Yes	Final Report of the Green Brighton Task Force: Recommendations for a Sustainable Future, 2008; Government Operations Greenhouse Gas Inventory 2017. Climate Action Plan to be completed 2022-2023	Local	



	Jurisdiction has this? (Yes/No)	Citation and Date (code chapter or name of plan, date of enactment or plan adoption)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
<i>How does this reduce risk?</i>				
The Town of Brighton created the Green Brighton Task Force in 2007 to develop recommendations for addressing energy and sustainability issues and to advance the Town as a leader of environmental sustainability. Many of the recommendations include tie-ins to reducing hazard vulnerability and promote conservation/preservation in the community. The final report identifies a recommendation specifically focused on reducing stormwater runoff and improving stormwater quality. The Greenhouse Gas Inventory is an inventory of emissions from government vehicles. The Town is in the process of developing a Climate Action Plan that will identify methods to reduce the Town’s carbon footprint.				
Tourism Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Business/ Downtown Development Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Other	-	-	-	-
<i>How does this reduce risk?</i>				
Response/Recovery Planning				
Comprehensive Emergency Management Plan	Yes	Comprehensive Emergency Management Plan, 2008	Local	Fire Marshal, Emergency Management Coordinator
<i>How does this reduce risk?</i>				
The Town of Brighton created the Green Brighton Task Force in 2007 to develop recommendations for addressing energy and sustainability issues and to advance the Town as a leader of environmental sustainability. Many of the recommendations include tie-ins to reducing hazard vulnerability and promote conservation/preservation in the community. The final report identifies a recommendation specifically focused on reducing stormwater runoff and improving stormwater quality.				
Continuity of Operations Plan	N/A	-	-	-
<i>How does this reduce risk?</i>				
Substantial Damage Response Plan	N/A	-	-	-
<i>How does this reduce risk?</i>				
Strategic Recovery Planning Report	No	-	-	-
<i>How does this reduce risk?</i>				
Threat & Hazard Identification & Risk Assessment (THIRA)	N/A	-	-	-
<i>How does this reduce risk?</i>				
Post-Disaster Recovery Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Public Health Plan	N/A	-	-	-
<i>How does this reduce risk?</i>				
Other	-	-	-	-
<i>How does this reduce risk?</i>				

Development and Permitting Capability

The table below summarizes the capabilities of the Town of Brighton to oversee and track development.





Table 9.2-3. Development and Permitting Capability

Indicate if your jurisdiction implements the following	Yes/No	Comment:
Do you issue development permits?	Yes	-
<ul style="list-style-type: none"> If you issue development permits, what department is responsible? 	-	Building and Planning Department
<ul style="list-style-type: none"> If you do not issue development permits, what is your process for tracking new development? 	N/A	-
Are permits tracked by hazard area? (For example, floodplain development permits.)	Yes	The Town currently tracks permits for various environmental overlay protection districts (EPODS) areas using a software called Muncicity. Muncicity will be replaced by the end of the year with a different piece of software called OpenGov which will provide tracking going forward.
Do you have a buildable land inventory?	No	-
<ul style="list-style-type: none"> If you have a buildable land inventory, please describe 	N/A	-
Describe the level of build-out in your jurisdiction.	N/A	The Town has limited areas of land available for development.

Administrative and Technical Capability

The table below summarizes potential staff and personnel resources available to the Town of Brighton and their current responsibilities that contribute to hazard mitigation.

Table 9.2-4. Administrative and Technical Capabilities

Resources	Available? (Yes/No)	Comments (available staff, responsibilities, support of hazard mitigation)
Administrative Capability		
Planning Board	Yes	The seven-member Planning Board reviews all applications for re-zoning, site plan reviews, conditional use permits, and consideration of requests by developers for construction of new subdivisions. The Board's reports and recommendations are often of vital importance in deciding upon a re-zoning request, SEQRA reviews or other action. The Town Board appoints Planning Board members for seven-year terms.
Zoning Board of Adjustment	Yes	Zoning Board of Appeals. To implement the zoning regulations of the Town of Brighton, procedures exist for the hearing of appeals from decisions made by the Building Inspector or other administrative officer in the enforcement of the regulations and for the granting of variances from the regulations. The two most important and frequently used powers of the Zoning Board of Appeals are the granting of variances and the issuance of Temporary and Revocable Use permits. The seven Zoning Board members are appointed by the Town Board for five-year terms.
Planning Department	Yes	The Town Engineer and Town Planner, under the direction of the Commissioner of Public Works, are responsible for: <ul style="list-style-type: none"> Program development and planning Zoning reviews Subdivision and other development proposals



Resources	Available? (Yes/No)	Comments (available staff, responsibilities, support of hazard mitigation)
		Responding to inquiries about the zoning code and building and utilities specifications
Mitigation Planning Committee	No	-
Environmental Board/Commission	Yes	Conservation Board, Building and Planning Department
Open Space Board/Committee	Yes	<p>Conservation Board, Building and Planning Department. Specifically, the Conservation Board reviews property development proposals for such matters as drainage, landscaping and environmental protection. It considers environmental issues and concerns for site-plan approvals, open space development, woodlots, watercourses, etc. and advises the Planning Board regarding these actions. The board’s overall intent is to preserve the Town’s natural environment and control impacts on the surrounding neighborhood, while balancing our Town’s need for an economically viable and environmentally sustainable future.</p> <p>The Conservation Board also functions as the Town’s Tree Council providing advice and consultation regarding trees to any Town board, department or citizen. The Tree Council routinely reviews and approves the recommendations of certified arborists for significant pruning and/or removal of trees on Town property to preserve public safety and neighborhood aesthetics. In performing its duties, the Tree Council maintains and administers the Town Forestry Plan and Arboricultural Standards and Specifications, including the Master Tree List.</p>
Economic Development Commission/Committee	No	-
Public Works/Highway Department	Yes	<p>As part of its normal operations the Town DPW:</p> <ul style="list-style-type: none"> • Solicits inter-municipal and interagency cooperation, in the form of agreements with bordering municipalities for utility sharing. • Expanded the town’s fiber telecommunications networks with new connection from the Town Hall Campus to the Towns Op Center. • Encourages affected property owners to purchase flood insurance – residents frequently call the DPW and ask about flood insurance. DPW staff provide information about the FEMA LOMA/LOMR program and other aspects of the NFIP. • Implements municipal mitigation measures identified by USGS modeling, proposed by the Storm Water Coalition and agreed by local parties. Specifically, Monroe County is doing a countywide study for green infrastructure. The Town completed two projects: Red Creek and Buckland Creek. • Implements an “Annual Tree/Stream Maintenance Program” • Develops DPW/DOT Plans for debris clearance, removal, and disposal, and does debris clearing as needed.



Resources	Available? (Yes/No)	Comments (available staff, responsibilities, support of hazard mitigation)
		<ul style="list-style-type: none"> • Promotes understanding and use of (telephone number) 811, “Call Before You Dig” with brochures and information available at DPW. • Provides traffic reports through the local broadcasters, construction information and project status on sites that impact traffic, and notifies media and residents of local road rehab projects and detours. • Provide power back-up supply for municipal fueling stations with emergency generators at the Town Hall Campus. <p>The Highway Department maintains and repairs:</p> <ul style="list-style-type: none"> • Roadways • Roadway drainage systems • Street signage • Storm sewer facilities • The Town composting facility • Town bridges • Various park areas throughout the Town • Roadway snow and ice control • Yard-debris pickup during the growing season, see collection maps for the schedule. • Leaf collection in the Fall <p>The Highway Superintendent oversees the Brighton Operations Center, which includes the Highway Department and the Sewer Department.</p> <p>The Sewer Department is responsible for:</p> <ul style="list-style-type: none"> • Preventative inspection, maintenance, and cleaning • Responding to sanitary sewer backups and overflows
Construction/Building/Code Enforcement Department	Yes	<p>As part of its normal operations, capabilities of the Town DPW and Building and Planning Department are:</p> <ul style="list-style-type: none"> • Enforcing government permit processes with daily inspections of projects to see if they are following town codes • Providing comprehensive inspection services • Administering a Floodplain Management Program, staffed by Ramsey Bochner and Chad Roscoe • Identifying special hazard areas in its Comprehensive Emergency Management Plan • Complying with applicable federal and state regulations. • Doing regular review of local laws • Enacting local laws to restrict development on steep slopes and to require property owners or mine operators to rehabilitate open mines at closing. See Town of Brighton Code EPOD Section 203 Art. 14. • Enacting Local Laws requiring property owners to demolish and remove unsafe structures from their properties. See Unsafe



Resources	Available? (Yes/No)	Comments (available staff, responsibilities, support of hazard mitigation)
		<p>buildings, Chapter 51, of Town of Brighton Code.</p> <p>As part of their normal operations the Building Inspector and Fire Marshall enforce Building Codes through daily inspections as required for existing and new infrastructure.</p>
Emergency Management/Public Safety Department	Yes	<p>The Town Police Department undertakes the following actions:</p> <ul style="list-style-type: none"> • Ensure proper disposal of hazardous waste, in cooperation with Monroe County, through an ongoing drop off at Brighton Police Department and Eco Park. <p>As part of their normal operations the Town Fire Marshall and Fire Department:</p> <ul style="list-style-type: none"> • Encourage residential use of smoke detectors through public education using a digital message sign and other forms of local outreach. • Along with the Police Department, the Town and Fire Department provide public outreach during an emergency. • Review emergency plans for public facilities to ensure appropriate measures are considered and referenced.
Warning Systems / Services (mass notification system, outdoor warning signals, etc.)	No	-
Maintenance programs to reduce risk (stormwater maintenance, tree trimming, etc.)	Yes	See Public Works/Highway Department
Mutual aid agreements	Yes	Police and Fire Department
Human Resources Manual - Do any job descriptions specifically include identifying or implementing mitigation projects or other efforts to reduce natural hazard risk?	No	-
Other	Yes	<ul style="list-style-type: none"> • Sustainability Oversight Committee: This Committee is charged with creating a more sustainable Town of Brighton. • As part of its normal operations, the Town participates in the Monroe County Stormwater Coalition. Through the Coalition, members work together to comply with federal regulations and improve water quality. Programs enacted through the Coalition include outreach and training, technical assistance, investigations of illegal discharges, pollution prevention, and identifying needed infrastructure.
Technical/Staffing Capability		
Planners or engineers with knowledge of land development and land management practices	Yes	Building and Planning Department, Department of Public Works
Engineers or professionals trained in building or infrastructure construction practices	Yes	Building and Planning Department, Department of Public Works
Planners or engineers with an understanding of natural hazards	Yes	Department of Public Works
Staff with expertise or training in benefit/cost analysis	Yes	Department of Public Works



Resources	Available? (Yes/No)	Comments (available staff, responsibilities, support of hazard mitigation)
Professionals trained in conducting damage assessments	Yes	Building and Planning Department
Personnel skilled or trained in GIS and/or Hazards United States (HAZUS) – Multi-Hazards (MH) applications	Yes	Department of Public Works
Environmental scientist familiar with natural hazards	No	-
Surveyor(s)	Yes	Highway Department
Emergency Manager	No	-
Grant writer(s)	Yes	All Departments
Resilience Officer	No	-
Other (this could include stormwater engineer, environmental specialist, etc.)	No	The Town does not have a resident stormwater or environmental specialist.

Fiscal Capability

The table below summarizes financial resources available to the Town of Brighton.

Table 9.2-5. 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	Yes
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	No
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	Yes
Other (for example, Clean Water Act 319 Grants [Nonpoint Source Pollution])	State and Municipal Grant Program Bridge NY

Education and Outreach Capability

The table below summarizes the education and outreach resources available to the Town of Brighton.

Table 9.2-6. Education and Outreach Capabilities

Outreach Resources	Available? (Yes/No)	Comment:
Public information officer or communications office	No	-
Personnel skilled or trained in website development	No	-



Outreach Resources	Available? (Yes/No)	Comment:
Hazard mitigation information available on your website	Yes	The Town has several pages on its website that focus on hazard education and risk reduction, including: <ul style="list-style-type: none"> • Stormwater • Fire Safety and Carbon Monoxide Poisoning • Public Safety
Social media for hazard mitigation education and outreach	Yes	Facebook, Twitter, YouTube
Citizen boards or commissions that address issues related to hazard mitigation	No	-
Warning systems for hazard events	Yes	Residents can sign up for reverse 911 cell phone notifications of emergency situations through the Monroe County Emergency Communications Department.
Natural disaster/safety programs in place for schools	No	-
Does the jurisdiction have any public outreach mechanisms / programs in place to inform citizens on natural hazards, risk, and ways to protect themselves during such events? <ul style="list-style-type: none"> • If yes, please describe. 	Yes	Cable Channels 1303 and 1301

Community Classifications

The table below summarizes classifications for community programs available to the Town of Brighton.

Table 9.2-7. Community Classifications

Program	Participating? (Yes/No)	Classification (if applicable)	Date Classified (if applicable)
Community Rating System (CRS)	No	-	-
Building Code Effectiveness Grading Schedule (BCEGS)	No	-	-
Public Protection (ISO Fire Protection Classes 1 to 10)	Yes	-	-
New York State Department of Environmental Conservation (NYSDEC) Climate Smart Community	Yes	Bronze	April 18, 2019
Storm Ready Certification	No	(Monroe County is StormReady)	-
Firewise Communities classification	No	-	-
Other	Yes	Tree City USA community (reduces extreme heat)	2002

Note:

N/A Not applicable

- 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). Each jurisdiction has a unique combination of capabilities to adjust to, protect from, and withstand a future hazard event, future conditions, and changing risk. The table below summarizes the adaptive capacity for each identified hazard of concern and the jurisdiction’s capability to address related actions using the following classifications:





- Strong: Capacity exists and is in use.
- Moderate: Capacity might exist; but is not used or could use some improvement.
- Weak: Capacity does not exist or could use substantial improvement.

Table 9.2-8. Adaptive Capacity

Hazard	Adaptive Capacity - Strong/Moderate/Weak
Disease Outbreak	Weak
Drought	Moderate
Earthquake	Weak
Extreme Temperature	Moderate
Flood	Moderate
Hazardous Materials	Weak
Infestation and Invasive Species	Weak
Landslide	Weak
Severe Storm	Moderate
Severe Winter Storm	Strong
Wildfire	Weak

9.2.4 National Flood Insurance Program (NFIP) Compliance

This section provides specific information on the management and regulation of the regulatory floodplain, including current and future compliance with the NFIP. The Floodplain Administrator is responsible for maintaining this information and is listed in the Hazard Mitigation Planning Team table at the beginning of this annex.

National Flood Insurance Program (NFIP) Summary

The following table summarizes the NFIP statistics for the Town of Brighton.

Table 9.2-9. NFIP Summary

Municipality	# Policies	# Claims (Losses)	Total Loss Payments	# RL Properties (FMA definition)	# RL Properties (NFIP definition)	# SRL Properties	# Policies in the 1% Flood Boundary
Town of Brighton	110	13	\$50,901	0	-	0	35

Source: FEMA Region 2 2015

Note (1): Policies, claims, repetitive loss, and severe repetitive loss statistics provided by FEMA Region 2, and are current as of June 30, 2015. The total number of repetitive loss properties does not include severe repetitive loss properties. Number of claims represents claims closed by June 30, 2015.

Note (2): Total building and content losses from the claims file provided by FEMA Region 2.

Note (3): Number of policies inside and outside of flood zones is based on latitude and longitude provided by FEMA Region 2 in the policy file. FEMA noted that for a property with more than one entry, more than one policy may have been in force, or more than one Geographic Information System (GIS) specification was possible. Number of policies and claims, and claims total, exclude properties outside Monroe County boundary, based on provided latitude and longitude coordinates.

RL FMA Definition Any insurable building that has incurred flood-related damage on two occasions, in which the cost of the repair, on the average, equaled or exceeded 25 percent of the market value of the structure at the time of each such flood event.

RL NFIP Definition Any insurable building for which two or more claims of more than \$1,000 were paid by the National Flood Insurance Program (NFIP) within any rolling ten-year period, since 1978.

Flood Vulnerability Summary

The following table provides a summary of the NFIP program in the Town of Brighton.





Table 9.2-10. NFIP Summary

NFIP Topic	Comments
Flood Vulnerability Summary	
Describe areas prone to flooding in your jurisdiction. <ul style="list-style-type: none"> Do you maintain a list of properties that have been damaged by flooding? 	The Town currently does not maintain a list of properties that have been damaged by flooding
Do you maintain a list of property owners interested in flood mitigation? <ul style="list-style-type: none"> How many homeowners and/or business owners are interested in mitigation (elevation or acquisition)? 	The Town currently does not maintain a list of property owners interested in flood mitigation
Are any RiskMAP projects currently underway in your jurisdiction? <ul style="list-style-type: none"> If so, state what projects are underway. 	The Town currently does not have any RiskMAP projects underway in our jurisdiction
How do you make Substantial Damage determinations? <ul style="list-style-type: none"> How many were declared for recent flood events in your jurisdiction? 	If needed, Town staff can use a combination of the FEMA Substantial Damage Estimator tool along with review with Building Inspector, Town Architect, Fire Marshal and other pertinent Town officials.
How many properties have been mitigated (elevation or acquisition) in your jurisdiction? <ul style="list-style-type: none"> If there are mitigation properties, how were the projects funded? 	This request requires some investigation/reporting as the software programs and methodologies used to track this information has changed over the years since the inception of the NFIP program. Town staff is working on obtaining this information.
Do your flood hazard maps adequately address the flood risk within your jurisdiction? <ul style="list-style-type: none"> If not, state why. 	Yes. The Town flood hazard maps are based on the latest available FEMA mapping for our community (August 2008).
NFIP Compliance	
What local department is responsible for floodplain management?	Department of Public Works
Are any certified floodplain managers on staff in your jurisdiction?	No
Do you have access to resources to determine possible future flooding conditions from climate change?	The Town is not familiar with any resources that would provide this information.
Does your floodplain management staff need any assistance or training to support its floodplain management program? <ul style="list-style-type: none"> If so, what type of assistance/training is needed? 	Yes. Certified floodplain manager training is encouraged.
Provide an explanation of NFIP administration services you provide (e.g., permit review, GIS, education/outreach, inspections, engineering capability)	The Department of Public Works (DPW) reviews and issues floodplain permits. In addition, the DPW provides record keeping of LOMAs/LOMARs and elevation certificates. The DPW also responds to flood insurance inquiries from residents on a regular basis.
How do you determine if proposed development on an existing structure would qualify as a substantial improvement?	Any reconstruction, rehabilitation, addition, or other improvement of a structure, the cumulative cost of which equals or exceeds 50% of the market value of the structure before the start of construction of the improvement.
What are the barriers to running an effective NFIP program in the community, if any?	The Town has minimal time and personnel to address all components of the NFIP.
Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed? <ul style="list-style-type: none"> If so, state the violations. 	No
When was the most recent Community Assistance Visit (CAV) or Community Assistance Contact (CAC)?	CAC – December 7, 2021 CAV – February 25, 2016
What is the local law number or municipal code of your flood damage prevention ordinance?	Chapter 211 (Flood Damage Preventions) of the Brighton Town Code. It was last reviewed and accepted in June 2003.



NFIP Topic	Comments
<ul style="list-style-type: none"> What is the date that your flood damage prevention ordinance was last amended? 	
Does your floodplain management program meet or exceed minimum requirements? <ul style="list-style-type: none"> If exceeds, in what ways? 	The Town floodplain management program meets the minimum requirements for the NFIP.
Are there other local ordinances, plans or programs (e.g., site plan review) that support floodplain management and meeting the NFIP requirements? For instance, does the planning board or zoning board consider efforts to reduce flood risk when reviewing variances such as height restrictions?	Site plan review by the Planning Board, municipal code Article XVII of Chapter 203 (Watercourse Floodplain Protection District), and municipal code Chapter 215 (Stormwater Management).
Does your community plan to join the CRS program or is your community interested in improving your CRS classification?	Not at this time.

9.2.5 Evacuation, Sheltering, Temporary Housing, and Permanent Housing

Evacuation routes, sheltering measures, temporary housing, and permanent housing must 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 and Procedures

The Town of Brighton identified the following routes and procedures to evacuate residents prior to and during an event.

- The Town of Brighton does not have a route for evacuating residents prior to a hazard event.
- Monroe Community College is located in the Town of Brighton and has been identified as a major stakeholder for the Hazard Mitigation Plan Update. The College identified an evacuation route for students and faculty through East Henrietta Road and Brighton Town Line Road.

Sheltering

The Town of Brighton has identified the following designated emergency shelters within the Town.

Table 9.2-11. Designated Emergency Shelters

Site Name	Address	Capacity (# of people)	Accommodates Pets?	ADA Compliant?	Backup Power?	Types of Medical Services Provided	Other Services Provided
Monroe Community College (MCC) Brighton Campus	1000 East Henrietta Road, Rochester, NY 14623	175 beds	No	Yes	No	None	Shelter only

Temporary Housing

Each jurisdiction must identify sites for placement of temporary housing units to house residents displaced by a disaster.



Table 9.2-12. Temporary Housing Locations

Site Name	Site Address	Capacity (number of sites)	Type	Infrastructure / Utilities Available (water, electric, septic, etc.)	Actions Required to Ensure Conformance with the NYS Uniform Fire Prevention and Building Code
None Identified					

Permanent Housing

Structures located in the regulatory floodplain might need to be relocated due to high flood risk or new properties must be built once severely damaged properties are demolished. Jurisdictions must identify suitable sites currently owned by the jurisdiction and potential sites under private ownership that meet applicable local zoning requirements and floodplain laws.

Table 9.2-13. Permanent Housing Locations

Site Name	Site Address	Capacity (number of sites)	Type	Infrastructure / Utilities Available (water, electric, septic)	Actions Required to Ensure Conformance with the NYS Uniform Fire Prevention and Building Code
None Identified					

9.2.6 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 appreciating a jurisdiction’s overall risk to its hazards of concern. Table 9.2-14 summarizes recent and expected future development trends, including major residential/commercial development and major infrastructure development.

Table 9.2-14. Recent and Expected Future Development

Type of Development	2017		2018		2019		2020		2021		2022	
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	3	0	1	0	8	0	4	0	1	0	Final statistics for 2022 were not available for this HMP update.	
Multi-Family	0	0	0	0	0	0	0	0	0	0		
Other (commercial, mixed-use, etc.)	3	0	4	0	1	0	2	0	8	0		
Total New Construction Permits Issued	6	0	5	0	9	0	6	0	9	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 2017 to Present												
None Identified												
Known or Anticipated Major Development and Infrastructure in the Next Five (5) Years												
None Identified/Anticipated												

SFHA Special Flood Hazard Area (1% flood event)

* Only location-specific hazard zones or vulnerabilities identified.





9.2.7 Jurisdictional Risk Assessment

The hazard profiles in Volume 1, Section 5 (Risk Assessment) provide detailed information regarding each plan participant's vulnerability to the identified hazards. Section 5.2 (Methodology and Tools) and Section 5.4 (Hazard Ranking) provide detailed summaries for the Town of Brighton's risk assessment results and data used to determine the hazard ranking discussed later in this section.

Hazard area extent and location maps provided below illustrate the probable areas impacted within the jurisdiction based on the best available data at the time of the preparation of this plan and are adequate for planning purposes. Maps were generated only for those hazards that can be identified clearly using mapping techniques and technologies and for which the Town of Brighton has significant exposure. The maps also show the location of potential new development, where available.

DRAFT



Figure 9.2-1. Town of Brighton Hazard Area Extent and Location Map 1

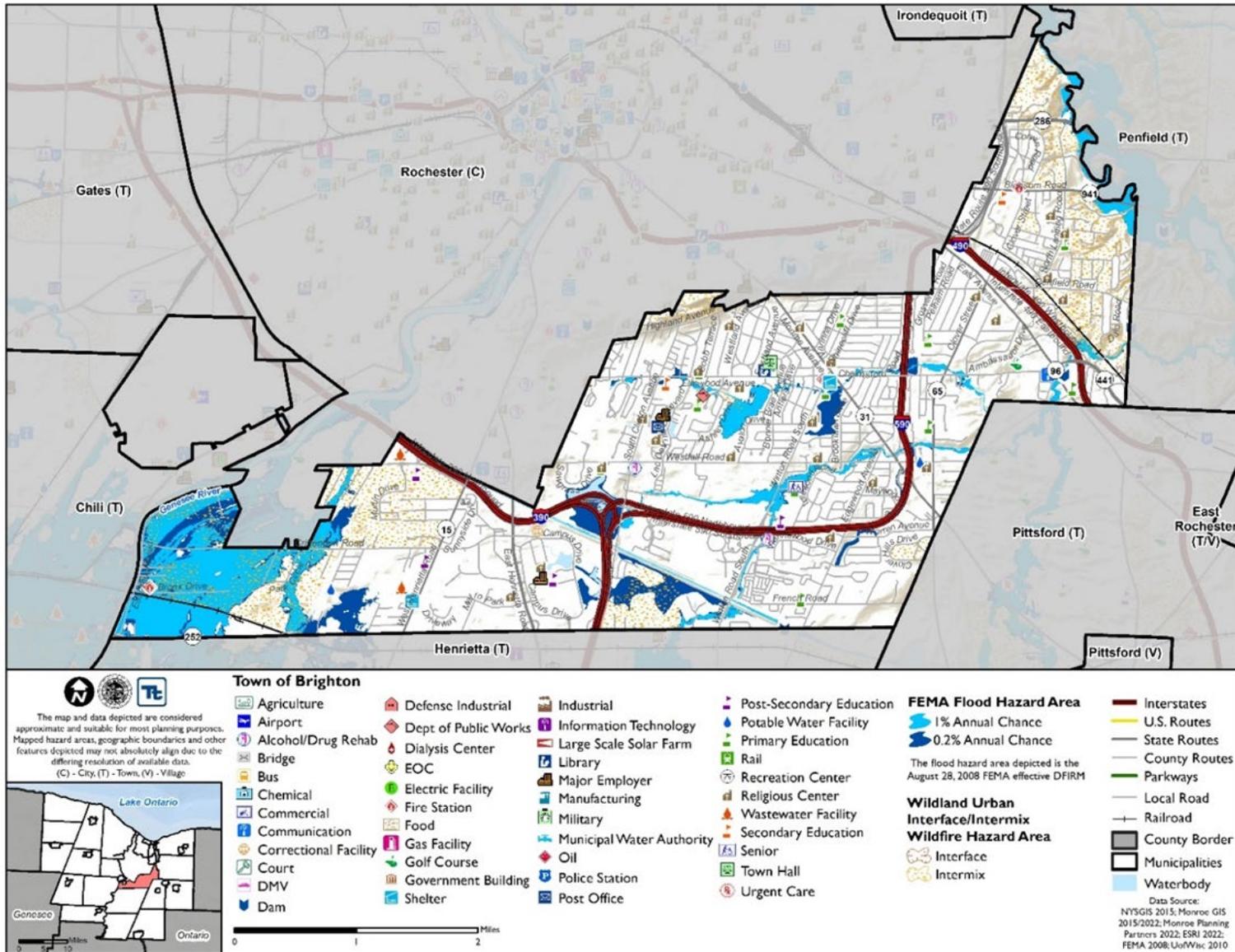
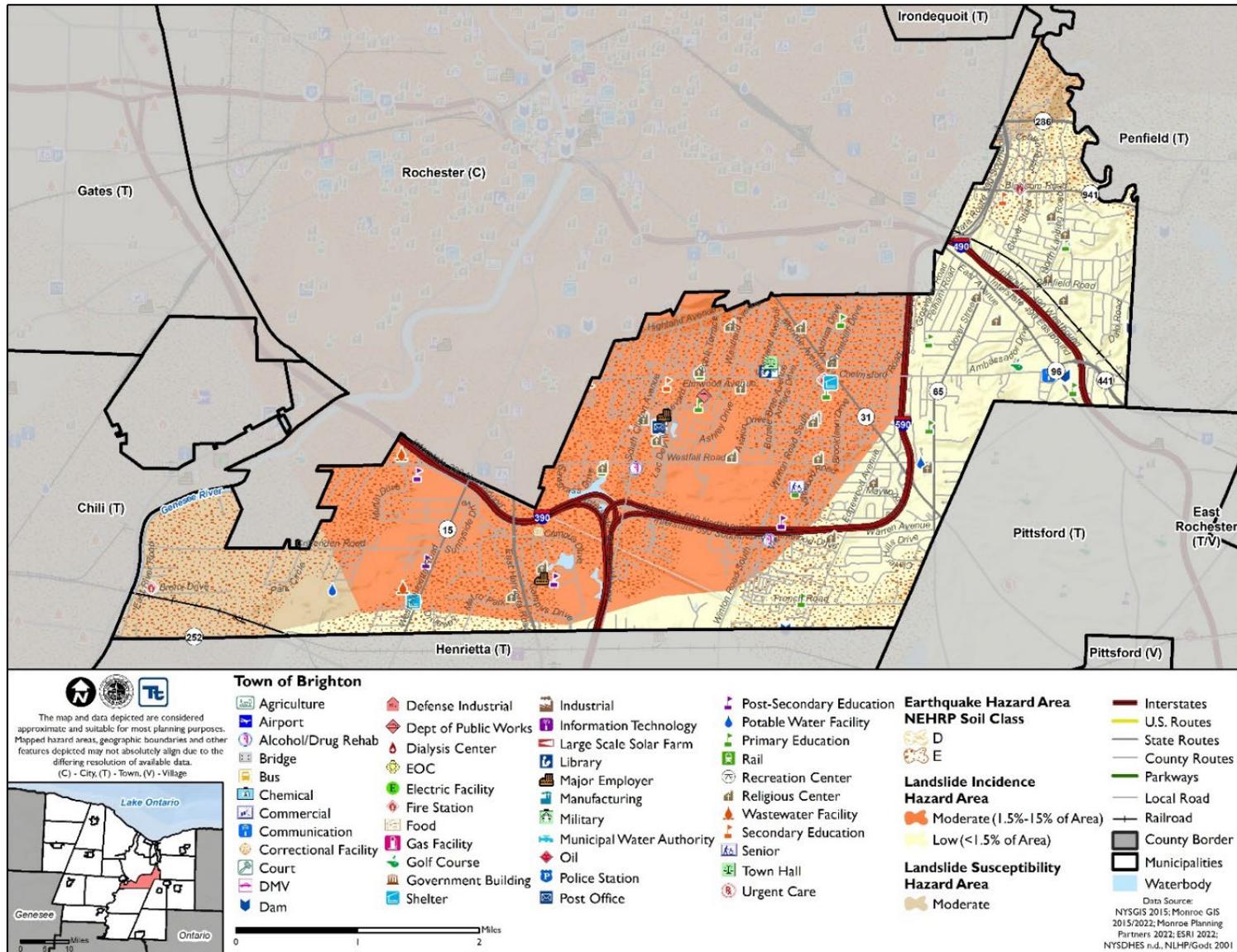




Figure 9.2-2. Town of Brighton Hazard Area Extent and Location Map 2





Hazard Event History

Monroe County has a history of natural and non-natural hazard events, as detailed in Volume I, Section 5 (Risk Assessment). 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 Town of Brighton’s history of federally-declared (as presented by FEMA) and significant hazard events [as presented in NOAA-National Centers for Environmental Information (NCEI)] is consistent with that of the County. Table 9.2-15 provides details regarding municipal-specific loss and damages the Town experienced during hazard events since the last hazard mitigation plan update. Information provided in the table below is based on reference material or local sources.

Table 9.2-15. Hazard Event History

Dates of Event	Event Type (Disaster Declaration if applicable)	County Designated?	Summary of Event	Municipal Summary of Damages and Losses
March 8, 2017	High Wind	No	Unusually deep low pressure moved from northwest Ontario across Hudson Bay. The low brought strong winds to the entire region with sustained winds up to 49 mph and wind gusts as high as 81 mph. A significant amount of damage resulted with 100,000 without power in Monroe County alone.	Tree Damage
May 2-August 6, 2017	Flooding (DR-4348)	Yes	During the first six months of 2017, more than twice the normal amount of water accumulated on Lake Ontario. The lake reached a record level of 248.95 feet. Flooding began in early May and continued into early fall.	Multiple complaints from homeowners regarding backed up sanitary and storm sewer laterals, Tree damage.
May-June 2019	Lakeshore Flood	No	Excessive runoff into the Ottawa River Basin in Canada restricted the outlet of Lake Ontario. This combined with above normal precipitation into the Lake Ontario Basin, record levels on the Great Lakes above Lake Ontario, and higher than normal flows into the lake from the Niagara River pushed the lake to well above normal levels.	Although the County was impacted, the Town did not report any significant damages.
October 31, 2019	High Wind and Flooding	No	A deepening area of consolidated low pressure tracked across the region. This system brought record breaking Halloween rains, damaging wind gusts, and a small Lake Ontario seiche	Several Trees Down. Sanitary sewer backups.
January 20, 2020 – Present	Covid-19 Pandemic (EM-3434) (DR-4480)	Yes	Between March 1, 2020 and July 20, 2022, Monroe County reported 171,851 confirmed cases of COVID-19, and 1,660 total fatalities.	Total claim amount for Covid-19 Expenses was \$1.8 Million. This includes wages, benefits, PPE, cleaning, legal, work at home (WAH), software needs, stenography for meeting transcripts

Notes:

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





Hazard Ranking and Vulnerabilities

The hazard profiles in Volume 1, Section 5 (Risk Assessment) have detailed information regarding each plan participant’s vulnerability to the identified hazards. The following summarizes the Town of Brighton’s risk assessment results and data used to determine the hazard ranking.

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 Volume 1, Section 5 (Risk Assessment). The ranking process involves an assessment of the likelihood of occurrence for each hazard; the potential impacts of the hazard on people, property, and the economy; and community capabilities to address the hazard and changing future climate conditions. Mitigation action development uses the inputs from the evaluation to target those hazards with highest level of concern.

As discussed in Volume 1, Section 5.3 (Hazard Ranking), each participating jurisdiction has differing degrees of risk exposure and vulnerability compared with the 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 Town of Brighton. The Town of Brighton reviewed the County hazard risk/vulnerability risk ranking table and 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 Town indicated the following:

- The Town changed the hazard ranking for flood from high to medium, as the Town noted that there was no justification for a high ranking.
- The Town changed the hazard ranking for severe storm from high to medium, noting that there was no justification for a high hazard ranking for severe storm.

Table 9.2-16. Hazard Ranking Input

Disease Outbreak	Drought	Earthquake	Extreme Temperature	Flood	Hazardous Materials	Disease Outbreak
Low	Medium	Low	Medium	Medium	Low	Low
Infestation and Invasive Species	Landslide	Severe Storm	Severe Winter Storm	Wildfire	Infestation and Invasive Species	
Low	Low	Medium	High	Low	Low	

Note: The scale is based on the hazard rankings established in Volume 1, Section 5.3 (Hazard Ranking) and modified as appropriate during review by the jurisdiction

Critical Facilities

NYSDEC 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 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, New York 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 0.2-percent annual chance 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 in the community located in the 1-percent and 0.2-percent floodplain and presents Hazus-MH estimates of the damage and loss of use to critical facilities as a result of a 1-percent annual chance flood event.

Table 9.2-17. Potential Flood Losses to Critical Facilities

Name	Type	Exposure		Addressed by Proposed Action	Already Protected to 0.2% Flood Level (describe protections)
		1% Event	0.2% Event		
Brighton High School	Primary Education	X	X	2023-Town of Brighton-001	-
McQuaid Jesuit School	Secondary Education	X	X	2023-Town of Brighton-004	-

Source: FEMA 2008; Monroe County GIS 2022

Identified Issues

After review of the Town of Brighton’s hazard event history, hazard rankings, jurisdiction specific vulnerabilities, hazard area extent and location, and current capabilities, the Town of Brighton identified the following vulnerabilities within their community:

- The Brighton High School is in the floodplain and is subject to flood damages.
- Monroe County coastal municipalities are currently undergoing a FIRM update which may result in changes in building requirements.
- There is a lacking of education and awareness surrounding the danger of tick borne illnesses and Lyme Disease.
- The McQuaid Jesuit High School is located in the floodplain and is subject to flood damages.
- The Town can be impacted by hazards that are not as frequent or do not have as significant an impact as other hazards. Residents and business owners might not be aware they are in a hazard area.
- The Town Floodplain Manager and other Building Department Staff needs additional training and certificate training to maintain the NFIP/FPA.
- The Town of Brighton does not have a designated evacuation route or sheltering procedure.
- The Town has no identified locations for temporary and permanent housing for displaced residents in the event of a severe hazard.
- While major events that result in substantial damage of structures are rare, municipalities need to have official procedures in place to inspect structures, make determinations, and provide for appeals.

9.2.8 Mitigation Strategy and Prioritization

This section discusses past mitigations actions and status, describes proposed hazard mitigation initiatives, and prioritizes actions to address over the next five years.

Past Mitigation Initiative Status

The following table indicates progress on the community’s mitigation strategy identified in the 2017 HMP. Actions that are in progress are carried forward and combined with new actions as part of this plan update and are included in the tables with prioritization. Previous actions that are now on-going programs and capabilities are indicated as such and previously presented in the ‘Capability Assessment’ earlier in this annex.



Table 9.2-18. Status of Previous Mitigation Actions

Project #	Project	Hazard(s) Addressed	Brief Summary of the Original Problem	Responsible Party	Status (In Progress, Ongoing, No Progress, Complete)	Evaluation of Success (if project status is complete)		<ol style="list-style-type: none"> Next Steps Project to be included in 2023 HMP or Discontinue If including action in the 2023 HMP, revise/reword to be more specific (as appropriate). If discontinue, explain why.
						Cost		
TBR-1	Evaluate the flood vulnerability of the Brighton High School and identify feasible mitigation actions for the school to reduce risk to the 0.2 percent annual chance flood.	Flood	The Brighton High School is located in the floodplain and is subject to flood damages.	FPA; Engineer	In Progress	Level of Protection		<ol style="list-style-type: none"> Include in 2023 HMP Continue to work with the school on other potential mitigation efforts on this site.
TBR-2	Support the County in implementing a tick and Lyme Disease education and outreach program.	Flood, Severe Storm, Severe Winter Storm		Monroe County, Town Clerk, Supervisor, and Planning Board	In Progress	Level of Protection		<ol style="list-style-type: none"> Include in 2023 HMP The Town is willing to support the County in implementing a tick and Lyme disease education program.
TBR-3	Attend County and State trainings and complete certification programs with respect to hazard risk management in BCA, Recovery Planning, Damage Estimates, and Debris Management.	Flood, Severe Storm, Severe Winter Storm		Monroe County, Building, Highway, Code Enforcement, Planning	Ongoing Capability	Level of Protection		<ol style="list-style-type: none"> Discontinue Appropriate Town staff is available to attend County and State trainings as they become available. This project can be incorporated into normal operations as needed.
TBR-4	Evaluate the flood vulnerability of the McQuaid Jesuit High School and identify feasible mitigation actions for the school to reduce risk to the 0.2 percent annual chance flood.	Flooding	The McQuaid Jesuit High School is located in the floodplain and is subject to flood damages.	FPA; Engineer	No Progress	Level of Protection		<ol style="list-style-type: none"> Include in 2023 HMP The FPA and Town Engineer will work with representatives of McQuaid Jesuit High School on potential mitigation efforts for this site.
TBR-5	Participate in the County update to the County Evacuation	All Hazards		Monroe County, Town EMC, Building,	Ongoing Capability	Level of Protection		<ol style="list-style-type: none"> Discontinue



	and Shelter Plan to help ensure it meets NYS DHSES requirements for evacuation, sheltering, and short/long-term housing.			Highway, Code Enforcement, Planning		Damages Avoided; Evidence of Success		3. The Town will participate in updates to the County Evacuation and Shelter Plan.
TBR-6	Conduct education and outreach to residents and business owners to inform them if their properties are in known hazard areas, and actions they can take to protect their properties.	Civil Unrest, Terrorism, Utility Failure		Town Clerk	No Progress	Cost		1. Include in 2023 HMP
						Level of Protection		2.
						Damages Avoided; Evidence of Success		3.
TBR-7	Send local floodplain administrator to County and State trainings and complete certification programs with respect to floodplain management.	Earthquake, Extreme Temperatures, Flood, Infestation, Landslide, Severe Storms, Severe Winter Storms, Wildfire, HazMat, Utility Failure		Town FPM, Building Department	No Progress	Cost		1. Include in 2023 HMP
						Level of Protection		2. The Town's FPM and other appropriate Building Department staff would like to participate in County and State trainings to complete the certification programs with respect to floodplain management as workload allows
						Damages Avoided; Evidence of Success		3.
TBR-8	Evaluate the flood vulnerability of the West Brighton Fire Department and identify feasible mitigation actions to reduce risk to the 0.2 percent annual chance flood.	Flood	The West Brighton Fire Department facility is located in the floodplain and subject to flood damages.	FPA; Engineer	No Progress	Cost		1. Discontinue
						Level of Protection		2.
						Damages Avoided; Evidence of Success		3. The West Brighton Fire Department has been dissolved.



Additional Mitigation Efforts

In addition to the mitigation initiatives completed in Table 9.2-18, the Town of Brighton identified the following mitigation efforts completed since the last HMP:

- In 2015 the Town of Brighton installed Phase 1 the Monroe Avenue Green Infrastructure Project. The implementation of this project aims to address many needs and deficiencies along the Monroe Avenue corridor. These include:
 - a. Create a comfortable and safe pedestrian scale streetscape
 - b. Enhance the property values and economic viability of the Corridor
 - c. Achieve a proper balance of improvements to create a more livable and sustainable street corridor
 - d. Address stormwater management and existing stormwater infrastructure resiliency by using green infrastructure to provide stormwater quantity and quality improvements.
 - e. Phase 2 of the project has not been designed or implemented.

Proposed Hazard Mitigation Initiatives for the HMP Update

The Town of Brighton participated in a mitigation action workshop in October 2022 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).

The table below indicates the range of proposed mitigation action categories. Both the four FEMA mitigation action categories and the six CRS mitigation action categories are listed in the table to further demonstrate the wide-range of activities and mitigation measures selected.

Table 9.2-19. Analysis of Mitigation Actions by Hazard and Category

Hazard	FEMA				CRS					
	LPR	SIP	NSP	EAP	PR	PP	PI	NR	SP	ES
Disease Outbreak	X	-	-	X	X	X	X	-	-	-
Drought	X	-	-	X	X	X	X	-	-	-
Earthquake	X	-	X	X	X	X	X	-	-	-
Extreme Temperature	X	-	X	X	X	X	X	-	-	-
Flood	X	X	X	X	X	X	X	-	-	-
Hazardous Material	X	-	-	X	X	X	X	-	-	-
Infestation and Invasive Species	X	-	X	X	X	X	X	-	-	-
Landslide	X	-	X	X	X	X	X	-	-	-
Severe Storm	X	-t	X	X	X	X	X	-	-	-
Severe Winter Storm	X	-	X	X	X	X	X	-	-	-
Wildfire	X	-	X	X	X	X	-	-	-	-

Note: Mitigation categories are described below the Mitigation Initiatives Table (Table 9.2-20).

The table below summarizes the specific mitigation initiatives the Town of Brighton would like to pursue in the future to reduce the effects of hazards. The 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.



Table 9.2-20. 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
2023-Town of Brighton-001	Brighton High School Flood Vulnerability Outreach	3	Flood	<p>Problem: The Brighton High School is in the floodplain and is subject to flood damages.</p> <p>Solution: The Town will work with the Brighton High School, Floodplain Administrator, and emergency services to conduct education and outreach to inform the property owners on the risks of being in the floodplain and how to be prepared for flooding events and other floodproofing opportunities.</p>	Yes	Yes	Within 1 year	Floodplain Administrator, Town Engineer, Public Works	High	Protect public health and safety and ensure continued operation of critical facility.	Municipal Budget	Medium	EAP	PI, PP
2023-Town of Brighton-002	FIRM Updates	1, 2, 4	Flood	<p>Problem: Monroe County coastal municipalities are currently undergoing a FIRM update which may result in changes</p>	No	None	Within 2 years	FEMA, FPA	Staff Time	Improvement in best available data, increased public awareness	Municipal budget	High	LPR, EAP	PR, PI





Table 9.2-20. 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
				<p>in building requirements.</p> <p>Solution: The municipality will review preliminary mapping from FEMA and provide input and feedback on the preliminary maps. Once the maps are finalized, the municipality will adopt the FIRM through an updated Flood Damage Prevention Ordinance. The municipality will assist FEMA in outreach concerning the new maps and conduct outreach on any potential changes to building/insurance requirements.</p>										
2023-Town of Brighton-003	Tick and Lyme Disease Education	4, 5	Infestation, Disease Outbreak	<p>Problem: There is a lack of education and awareness surrounding the</p>	No	No	1 years	Administration	Staff Time	Protect public health, safety and general	Municipal Budget	Medium	EAP	PI



Table 9.2-20. 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
				<p>danger of tick-borne illnesses and Lyme Disease.</p> <p>Solution: The Town will increase public awareness of tick-borne illnesses and Lyme Disease through education and outreach programs. The Town can work with the County to develop information online for easy access.</p>						welfare of the community				
2023-Town of Brighton-004	McQuaid Jesuit Highschool Flood Vulnerability Outreach	2,3	Flood	<p>Problem: The McQuaid Jesuit High School is located in the floodplain and is subject to flood damages</p> <p>Solution: The Town will work with the McQuaid Jesuit High School, Floodplain Administrator, and emergency services to conduct education and</p>	Yes	Yes	Within 1 year	Floodplain Administrator, Emergency Services	High	Protect public health and safety and ensure continued operation of critical facility.	Municipal Budget	Medium	EAP	PP, PI



Table 9.2-20. 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
				outreach to inform the property owners on the risks of being in the floodplain and how to be prepared for flooding events and other floodproofing opportunities.										
2023-Town of Brighton-005	Education and Outreach	4	All Hazards	<p>Problem: The Town can be impacted by hazards that are not as frequent or do not have as significant an impact as other hazards. Residents and business owners might not be aware they are in a hazard area.</p> <p>Solution: The Town will expand education and outreach to include information on lesser known/less frequent hazards and will educate citizens in hazard areas on</p>	Yes	No	1 year	Town Clerk	Staff time	Increased public awareness	Municipal Budget	High	EAP	PI



Table 9.2-20. 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
				how to best prepare for hazard events.										
2023-Town of Brighton-006	Floodplain Administration or Training	1,3,4	Flood	<p>Problem: The Town Floodplain Manager and other Building Department Staff needs additional training and certificate training to maintain the NFIP/FPA.</p> <p>Solution: The Town will work with the County and State to implement NFIP/FPA trainings.</p>	No	No	Withing 2 years	Floodplain Management, Building Department	Staff time	Increased Floodplain Manager capabilities and knowledge of floodplain management and issues	Municipal Budget	High	LPR, NSP	PR, PP
2023-Town of Brighton-007	Evacuation and Sheltering Plan	1, 3, 4	All Hazards	<p>Problem: The Town of Brighton does not have a designated evacuation route or sheltering procedure.</p> <p>Solution: The Town will work with the County and Local DPW to identify an evacuation and sheltering route that will serve</p>	No	None	Within 5 years	Town Highway Department, Officer of Emergency Management	Low	Reduces risk of isolation during hazard events and provides the Town a safe place to shelter when property damages occur.	HMGP, BRIC, PDM, FEMA, USDA Community Facilities Grant Program, Emergency Management Performance Grants	High	LPR, SIP	ES



Table 9.2-20. 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
				the community prior to a hazard event.							(EMPG) Program, Municipal Budget			
2023 – Town of Brighton - 008	Permanent and Temporary Housing	1, 3	All Hazards	<p>Problem: The Town has no identified locations for temporary and permanent housing for displaced residents in the event of a severe hazard.</p> <p>Solution: The Town will work with the County to identify public or private property areas that can be used for temporary and permanent housing locations.</p>	No	None	5 years	Town Board, County OEM	Low	Residents that require temporary or permanent housing will have a designated, safe space to relocate to.	HMGP, BRIC, PDM, FEMA, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, Municipal Budget	High	LPR, SIP	ES, PR
2023 – Town of Brighton - 009	Substantial Damage Procedures	1, 2, 3	All Hazards	<p>Problem: While major events that result in substantial damage of structures are rare, municipalities need to have official procedures in place to inspect structures, make</p>	No	None	Within 5 years	FPA	Staff time	Meet NFIP requirements, improved floodplain administration	Municipal budget	High	LPR	PP, PR





Table 9.2-20. 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
				determinations, and provide for appeals. Solution: The municipality will develop official procedures for Substantial Damage and Substantial Improvement determinations.										
2023-Town of Brighton-010	Monroe Community College Generators	3	All Hazards	Problem: Monroe Community College is a designated emergency shelter and does not have backup power. Solution: The Town will work with Monroe Community College, Town Engineer and DPW to gather measurements for a generator platform and identify best placement for platform and generator. Once complete the College maintenance	Yes	None	Within 3 years	Monroe Community College, Town Engineer, DPW	High	Protect public health and safety, and ensure continued operation of critical facility during storm events	HMGP, BRIC, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program Municipal Budget,	High	SIP	PP



Table 9.2-20. 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
				department will be responsible for all maintenance.										
2023-Town of Brighton-011	Climate Action Plan	1,3,4,5	All Hazards	<p>Problem: The Town does not have an adopted Climate Action Plan.</p> <p>Solution: The Town currently developing a Climate Action Plan that enables the Town to identify resilience initiatives that align with New York State’s Climate Smart Communities objectives. The Town will adopt the completed Climate Action Plan in 2023.</p>	No	None	Within 1 year	Town of Brighton Sustainability Oversight Committee	High	Increase the Towns resilience to climate change	HMGP, Climate Smart Communities Grant Program, NYSERDA, Municipal Budget	High	LPR	PR
2023-Town of Brighton-012	Monroe Avenue Green Infrastructure Project Phase 2	1,3,5	Flood, Severe Storm	<p>Problem: The Town has not designed or implemented Phase 2 of the Monroe Avenue Green Infrastructure Project which focuses on stormwater infrastructure</p>	No	None	Within 5 years	Town of Brighton, Green Infrastructure Task Force	High	Increase stormwater management and stormwater infrastructure resiliency through green infrastructure	HMGP, Climate Smart Communities Grant Program, NYSERDA, Municipal Budget	High	LPR, SIP	PR





Table 9.2-20. 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
				and management. Solution: The Town will work with project partners and engineers to evaluate stormwater components to determine if improvements are necessary. Priority will be given to high traveled roadways. Once evaluated, the design and implementation of Phase 2 will begin. The Town DPW will monitor the improvement areas to determine if additional measures are necessary.										

Notes:

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

Acronyms and Abbreviations:

CAV Community Assistance Visit

Potential FEMA HMA Funding Sources:

FMA Flood Mitigation Assistance Grant Program

Timeline:

The time required for completion of the project upon implementation.





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

HMGF Hazard Mitigation Grant Program
 BRIC Building Resilient Infrastructure and Communities Program

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.



The prioritization criteria provided in Volume 1, Section 6 (Mitigation Strategy) identify 14 evaluation/prioritization criteria to complete the prioritization of mitigation initiatives. For each new mitigation action, a numeric rank is assigned (-1, 0, or 1) for each of the 14 evaluation criteria to assist with prioritizing actions as 'High', 'Medium', or 'Low.' The table below provides a summary of the prioritization of all proposed mitigation initiatives for the HMP update.

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Table 9.2-21. 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
2023-Town of Brighton-001	Brighton High School Flood Vulnerability Outreach	1	1	1	0	0	1	1	1	0	0	0	0	1	1	8	Medium
2023-Town of Brighton-002	FIRM Update	0	1	1	1	0	1	1	1	1	0	0	0	1	1	9	High
2023-Town of Brighton -003	Tick and Lyme Disease Education	1	0	1	0	0	0	0	1	1	0	1	0	1	0	6	Medium
2023-Town of Brighton-004	McQuaid Jesuit Highschool Flood Vulnerability Outreach	1	1	1	0	0	1	1	1	0	0	0	0	1	1	8	Medium
2023-Town of Brighton-005	Education and Outreach	1	1	1	0	0	0	0	1	1	1	1	0	1	1	9	High
2023-Town of Brighton-006	Floodplain Administrator Training	1	1	1	1	0	0	1	1	0	1	1	0	1	0	9	High
2023-Town of Brighton-007	Evacuation and Sheltering Plan	1	1	1	1	1	1	1	0	1	1	1	1	1	0	12	High
2023-Town of Brighton-008	Permanent and Temporary Housing	1	0	1	1	1	1	0	0	1	1	1	1	1	1	11	High
2023-Town of Brighton-009	Substantial Damage Procedures	0	1	1	1	1	1	1	1	1	1	1	0	1	1	12	High
2023-Town of Brighton-010	Monroe Community College Generators	1	1	0	1	1	0	0	1	1	1	1	1	1	0	10	High
2023-Town of Brighton-011	Climate Action Plan	1	1	1	1	1	1	0	1	1	1	1	1	1	1	13	High
2023-Town of Brighton-012	Monroe Avenue Green Infrastructure Project Phase 2	1	1	1	1	1	1	0	1	1	0	1	0	1	1	11	High

Note: Volume 1, Section 6 (Mitigation Strategy) conveys guidance on prioritizing mitigation actions. Low (0-4), Medium (5-8), High (9-14).





9.2.9 Action Worksheets

The following action worksheets were developed by the Town of Brighton to aid in the submittal of grant applications to support the funding of high priority proposed actions.

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Action Worksheet			
Project Name:	Monroe Community College Generator		
Project Number:	2023-Town of Brighton-010		
Risk / Vulnerability			
Hazard(s) of Concern:	All Hazards		
Description of the Problem:	Monroe Community College is a designated emergency shelter and does not have backup power.		
Action or Project Intended for Implementation			
Description of the Solution:	The Town will work with Monroe Community College, Town Engineer and DPW to gather measurements for a generator platform and identify the best placement for platform and generator. Once complete the College maintenance department will be responsible for all maintenance.		
Is this project related to a Critical Facility?	Yes <input checked="" type="checkbox"/>	No <input 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:	N/A	Estimated Benefits (losses avoided):	Protect public health and safety, and ensure continued operation of critical facility during storm events
Useful Life:	20 years	Goals Met:	3
Estimated Cost:	High	Mitigation Action Type:	Structure and Infrastructure Projects (SIP)
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	Within 3 years
Estimated Time Required for Project Implementation:	Within 3 years	Potential Funding Sources:	FEMA HMGP and BRIC, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, Municipal Budget
Responsible Organization:	Monroe Community College, Town Engineer, DPW	Local Planning Mechanisms to be Used in Implementation if any:	Hazard Mitigation, Emergency Management
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Problem continues.
	Install solar panels	\$100,000	Weather dependent; need large amount of space for installation; expensive if repairs needed
	Install wind turbine	\$100,000	Weather dependent; poses a threat to wildlife; expensive repairs if needed
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			



Action Worksheet		
Project Name:	Monroe Community College Generators	
Project Number:	2023-Town of Brighton-010	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Project will protect critical services of critical facilities
Property Protection	1	Project will protect building from power loss.
Cost-Effectiveness	0	
Technical	1	The project is technically feasible
Political	1	
Legal	0	
Fiscal	0	Project requires funding support.
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	1	All Hazards
Timeline	1	
Agency Champion	1	Monroe Community College, Town Engineer, DPW
Other Community Objectives	0	
Total	10	
Priority (High/Med/Low)	High	

Action Worksheet		
Project Name:	Monroe Avenue Green Infrastructure Project Phase 2	
Project Number:	2023-Town of Brighton-012	
Risk / Vulnerability		
Hazard(s) of Concern:	Flood, Severe Storm	
Description of the Problem:	The Town has not designed or implemented Phase 2 of the Monroe Avenue Green Infrastructure Project which focuses on stormwater infrastructure and management.	
Action or Project Intended for Implementation		
Description of the Solution:	The Town will work with project partners and engineers to evaluate stormwater components to determine if improvements are necessary. Priority will be given to high traveled roadways. Once evaluated, the design and implementation of Phase 2 will begin. The Town DPW will monitor the improvement areas to determine if additional measures are necessary.	
Is this project related to a Critical Facility or Lifeline?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Level of Protection:	TBD by developed actions	Estimated Benefits (losses avoided): Increase stormwater management and stormwater infrastructure resiliency through green infrastructure





Useful Life:	30 years	Goals Met:	1,3,5
Estimated Cost:		Mitigation Action Type:	Structure and Infrastructure Projects, Local Plans and Regulations
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	Within 5 years
Estimated Time Required for Project Implementation:		Potential Funding Sources:	
Responsible Organization:		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	Current problem continues
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			

Action Worksheet		
Project Name:	Monroe Avenue Green Infrastructure Project Phase 2	
Project Number:	2023-Town of Brighton-012	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety		
Property Protection		
Cost-Effectiveness		
Technical		
Political		
Legal		
Fiscal		
Environmental		
Social		
Administrative		
Multi-Hazard		
Timeline		
Agency Champion		
Other Community Objectives		





Total	10	
Priority (High/Med/Low)	High	

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