



9.20 Town of Perinton

This section presents the jurisdictional annex for the Town of Perinton 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 Perinton'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.

9.20.1 Hazard Mitigation Planning Team

The Town of Perinton 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 Department of Public Works. The Assistant to 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 9.20-1. Hazard Mitigation Planning Team

Primary Point of Contact	Alternate Point of Contact
Name/Title: Eric Williams – Assistant to the Commissioner of Public Works / Dept. of Public Works Address: 100 Cobb's Lane, Fairport, NY 14450 Phone Number: 585-223-5115 Email: ewilliams@perinton.org	Name/Title: Greg Seigfred – Director of Building and Codes / Dept. of Public Works Address: 100 Cobb's Lane, Fairport, NY 14450 Phone Number: 585-223-0770 Email: gseigfred@perinton.org
NFIP Floodplain Administrator	
Name/Title: Jason R. Kennedy, P.E. – Commissioner of Public Works / Dept. of Public Works Address: 100 Cobb's Lane, Fairport, NY 14450 Phone Number: 585-223-5115 Email: jkennedy@perinton.org	
Additional Contributors	
Name/Title: Jason R. Kennedy, P.E. – Commissioner of Public Works / Dept. of Public Works Method of Participation: Provided data and information for worksheets and Hazard Mitigation update, contributed to mitigation strategy	

9.20.2 Municipal Profile

The Town has a land area of 34.19 square miles and a water area of 0.36 square mile. Perinton is on the far east of Monroe County. It completely encircles the Village of Fairport; the Town of Perinton borders the Town of Pittsford to the West, the Town/Village of East Rochester to the northwest, the Town of Penfield to the north, the County of Wayne to the east, and the County of Ontario to the south.

The Town of Perinton contains several hamlets, including, Bushnell's Basin, Egypt, Fairport Road, Whitney Road, and Route 31. Land use in the Town of Perinton is primarily devoted to residential use, vacant land, and agricultural use. Agriculture is most prevalent in the southeast and northeast corners.



The Town's most well-known waterbody is the Erie Canal (7.3 miles of the canal run through Perinton). Irondequoit Creek, Thomas Creek, and White Brook are other notable waterways. The Town contains several wetlands, such as the Thomas Creek wetland, the White Brook Nature Area, and the Powder Mills Park area (Town Comprehensive Plan 2021).

According to the U.S. Census, the 2020 population for the Town of Perinton was 39,128, a 4.8 percent decrease from the 2010 Census (41,109). Data from the 2020 American Community Survey 5-year Estimates indicate that 6 percent of the population is 5 years of age or younger, 22.3 percent is 65 years of age or older, 9.6 percent have disabilities, and 4.2 percent are below the poverty threshold. 0.6 percent of households are non-English speaking. Communities must deploy a support system that enables all populations to safely reach shelters or to quickly evacuate a hazard area.

9.20.3 Jurisdictional Capability Assessment and Integration

The Town of Perinton 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 Perinton 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 Perinton. The comment field provides information as to how the capability integrates hazard mitigation and risk reduction.

Table 9.20-2. 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	Building and Codes Department (BCD)
<i>How does this reduce risk?</i>				
The Town of Perinton has adopted the New York State Uniform Fire Prevention and Building Code.				



	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
Zoning/Land Use Code	Yes	Town of Perinton Comprehensive Zoning Plan (Part II of Town Code) Chapter 208- Zoning	Local	Building and Code Department (BCD)
<p><i>How does this reduce risk?</i></p> <p>The Comprehensive Zoning Plan is adopted in the interest of promoting health, safety and general welfare of the people of the Town. The Plan reduces risk through regulating and restricting the height, number of stories and size of buildings and other structures, limiting the percentage of lots that may be occupied, limiting the size of yards, courts and other open spaces, monitoring the density of the population and the location and use of buildings, structures, and land for trade, industry, residence and other purposes. Promote lessening congestion in the street and prevention of overcrowding of land while providing protection for residential areas.</p>				
Subdivision Ordinance	Yes	Chapter 182 – Subdivision of Land	Local	Building and Code Department, Town Board of Perinton
<p><i>How does this reduce risk?</i></p> <p>This Article describes the general purpose of establishing subdivision regulations as a measure for orderly growth and development of the Town and to afford adequate facilities for the housing, transportation, distribution, comfort, convenience, safety, health and welfare of the Town's present and future populations through subdivision plat approval, requiring the land to be buildable and free of hazard, reserving natural and historic features and maintaining all subdivisions comply with the Town Comprehensive Plan.</p>				
Site Plan Ordinance	Yes	Chapter 208 – Article X – Site Plan Approval and Special Permits	Local and County	Building and Code Department
<p><i>How does this reduce risk?</i></p> <p>The purpose of site plan approval is to provide flexible land use and design regulations through the use of performance criteria so that small-to large-scale neighborhoods or portions of neighborhoods may be developed within the Town.</p>				
Stormwater Management Ordinance	Yes	Chapter 119 – Erosion and Sediment Control	Local	Building and Code Department
<p><i>How does this reduce risk?</i></p> <p>Protects people and property from increased stormwater run-off, erosion and sediment; increased threat to life and property from flooding or stormwater; increased slope instability and hazards; and modification to the groundwater that would adversely affect water will or surface water levels.</p>				
Post-Disaster Recovery/ Reconstruction Ordinance	No	-	-	-
<p><i>How does this reduce risk?</i></p>				
Real Estate Disclosure	Yes	Property Condition Disclosure Act, NY Code - Article 14 §460-467	State	NYS Department of State, Real Estate Agent
<p><i>How does this reduce risk?</i></p> <p>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.</p>				
Growth Management	No	-	-	-
<p><i>How does this reduce risk?</i></p>				
Environmental Protection Ordinance	Yes	Chapter 117 – Environmental Review –Environmental Review Ordinance	Local	Department of Public Works
<p><i>How does this reduce risk?</i></p> <p>The purpose of this chapter is to incorporate considerations of environmental factors into the existing decision-making process of the Town government at the earliest possible time. The chapters discuss conducting affairs with an awareness of the air, water, land and living resources and understanding the obligation to protect the environments from the use and enjoyment of this and future generations.</p>				
Flood Damage Prevention Ordinance	Yes	Chapter 138 – 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>				



	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>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;</p> <p>B. Require that uses vulnerable to floods, including facilities which serve such uses, be protected against flood damage at the time of initial construction;</p> <p>C. Control the alteration of natural floodplains, stream channels, and natural protective barriers which are involved in the accommodation of floodwaters;</p> <p>D. Control filling, grading, dredging and other development which may increase erosion or flood damages;</p> <p>E. Regulate the construction of flood barriers which will unnaturally divert floodwaters or which may increase flood hazards to other lands; and</p> <p>F. Qualify for and maintain participation in the National Flood Insurance Program.</p> <p>The Chapter requires 2 feet of freeboard for all new construction.</p>				
Wellhead Protection	No	-	-	-
<i>How does this reduce risk?</i>				
Emergency Management Ordinance	No	-	-	-
<i>How does this reduce risk?</i>				
Climate Change Ordinance	No	-	-	-
<i>How does this reduce risk?</i>				
Other	Yes	Chapter 103 – Conservation Easements	Local	Department of Public Works, Conservation Board
<p><i>How does this reduce risk?</i></p> <p>This Chapter discusses the interests or rights in real property for the preservation of open space and areas which constitute a public purpose which public funds may be expanded or advanced. The Town of Perinton may acquire by purchase, gift, grant, bequest, devise, lease or otherwise the fee or any lesser interest, development rights, easement, covenant or other contractual right necessary to acquire open space or open space areas.</p>				
Planning Documents				
Comprehensive Plan	Yes	Town of Perinton Comprehensive Plan - 2021	Local	Department of Public Works – Engineering and Planning
<p><i>How does this reduce risk?</i></p> <p>The Town of Perinton Comprehensive Plan outlines the community vision, and recommendations for specific projects to shape Perinton's future in a way that enhances the physical, social, and economic character of the community. The Plan identifies existing conditions, future land use plans, and the vision, policy areas and goal for the Town.</p>				
Capital Improvement Plan	Yes	Capital Improvement Plan	Local	Town Board
<p><i>How does this reduce risk?</i></p> <p>The purpose of the Town's Capital Improvement Plan is to establish, prioritize, schedule, and assign the mechanism to fund projects that will improve upon existing and develop new public infrastructure, facilities, technology, and equipment for the Town to be more resilient.</p>				
Disaster Debris Management Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Floodplain Management or Watershed Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Stormwater Management Plan	Yes	Stormwater Management Plan (SWMP)	Local	Department of Public Works
<p><i>How does this reduce risk?</i></p> <p>The Town of Perinton Stormwater Management Plan collaborates with local businesses and residents in pursuit of clean stormwater in accordance with NYSDEC SPEDES general permit for stormwater discharges from municipal separate storm systems. There are six minimum measures which include:</p> <ul style="list-style-type: none"> • Public education • Public participation 				



	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"> Control of illicit discharges Erosion control at construction sites Post-construction stormwater controls Pollution prevention at municipal facilities 				
Open Space Plan	No	-	-	-
<i>How does this reduce risk?</i>				
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	No	-	-	-
<i>How does this reduce risk?</i>				
Transportation Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Agriculture Plan	Yes	Agriculture and Farmland Protection Plan 2012	Local	Planning Department
<i>How does this reduce risk?</i>				
The Agriculture and Farmland Protection Plan includes an inventory of farmland in the Town, as assessment of the development pressure on farmland, evaluation of strategies to retain farmland, and recommended actions to retain priority farmland and support agriculture in the Town. The Plan does include a more detailed inventory, assessment, and build-out analysis of farmland located in the southeast area of the Town.				
Climate Action/ Resiliency/Sustainability Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Tourism Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Business/ Downtown Development Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Other	No	-	-	-
<i>How does this reduce risk?</i>				
Response/Recovery Planning				
Comprehensive Emergency Management Plan	Yes	Comprehensive Emergency Plan	Local	Safety and Security
<i>How does this reduce risk?</i>				
The purpose of this plan is to serve as a guide for responding emergency service providers, government and non-government agencies and personnel to ensure their coordinated efforts. The plan is not intended to limit or restrict the initiative, judgment or independent action that is necessary to provide appropriate and effective 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
Continuity of Operations Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Substantial Damage Response Plan	No	-	-	-
<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)	No	-	-	-
<i>How does this reduce risk?</i>				
Post-Disaster Recovery Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Public Health Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Other	No	-	-	-
<i>How does this reduce risk?</i>				

Development and Permitting Capability

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

Table 9.20-3. Development and Permitting Capability

Indicate if your jurisdiction implements the following	Yes/No	Comment:
Do you issue development permits?	Yes	-
• If you issue development permits, what department is responsible?	N/A	Building Codes as well as the DPW Commissioner's Office
• 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	-
Do you have a buildable land inventory?	No	-
• If you have a buildable land inventory, please describe	N/A	-
Describe the level of build-out in your jurisdiction.	N/A	-

Administrative and Technical Capability

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



Table 9.20-4. Administrative and Technical Capabilities

Resources	Available? (Yes/No)	Comments (available staff, responsibilities, support of hazard mitigation)
Administrative Capability		
Planning Board	Yes	<p>The Planning Board is a legally constituted Board responsible for the review and approval/denial of development applications in the Town, utilizing Subdivision Approval or Site Plan Approval (primarily the tool for approving commercial.</p> <p>The Planning Board has seven members appointed to a seven-year term. There are no term limits.</p>
Zoning Board of Adjustment	Yes	<p>The Zoning Board of Appeals is a legally constituted Board primarily responsible for making decisions on any requests to vary from Town zoning ordinances. It also may hear and decide upon any appeals from any order, decision, or determination of any official charged with the enforcement of the zoning laws.</p> <p>The Zoning Board of Appeals has seven members appointed to a seven-year term. There are no term limits.</p>
Planning Department	Yes	<p>The Planning Department assists in the facilitation of current and future Planning Board applications and guiding those proposals through the review and approval process and manages the Town's Planning initiatives, including, but not limited to Comprehensive Plan Updates, Active Transportation Planning, Transportation Planning, Capital Improvement Program Planning, and ADA Compliance Planning.</p> <p>The Planning Department is part of the Department of Public Works.</p>
Mitigation Planning Committee	Yes	See Department of Public Works
Environmental Board/Commission	Yes	<p>The Conservation Board serves in an advisory capacity, primarily providing recommendations to the Planning Board on whether applications will have a significant environmental impact in accordance with the State Environmental Quality Review Act (SEQRA).</p> <p>The Conservation Board has seven members appointed for a two-year term. There are no term limits.</p> <p>The Sustainability Advisory Board goal is to preserve the Town's natural resources by reducing the Town's ecological footprint while identifying operational efficiencies to produce cost savings for local taxpayers.</p> <p>The Sustainability Advisory Board will have seven-members complemented by ex-officio members.</p>
Open Space Board/Committee	No	-
Economic Development Commission/Committee	No	-
Public Works/Highway Department	Yes	The Department is responsible for maintaining Perinton's public infrastructure, including a diverse network of residential streets and rural roads as well as



Resources	Available? (Yes/No)	Comments (available staff, responsibilities, support of hazard mitigation)
		<p>sidewalks, a sanitary sewer collection system, a storm sewer system (including stormwater management), and a geographic information system (GIS). Public Works is also responsible for the planning and execution of capital improvement projects that preserve our infrastructure and improve Perinton's quality of life.</p> <p>The Department of Public Works is comprised of the following departments:</p> <ul style="list-style-type: none"> • Animal Control • Planning & Engineering • Building and Codes • Engineering and Planning • Highway • Sewer
Construction/Building/Code Enforcement Department	Yes	<p>The mission of the Town of Perinton Building and Codes Department (BCD) is to ensure public safety in all buildings and grounds. The Department includes the building inspectors, fire marshal and code enforcement officer and is charged with:</p> <ul style="list-style-type: none"> • Reviewing and issuing building permits • Construction & electrical inspections • Issuing certificates of occupancy & compliance • Enforcement of the New York State Uniform Fire Prevention and Building Code and the Code of the Town of Perinton • Fire & life safety inspections • Property maintenance & zoning complaints • Providing guidance for land development & modifications
Emergency Management/Public Safety Department	Yes	See Public Works/Highway Department
Warning Systems / Services (mass notification system, outdoor warning signals, etc.)	Yes	The Town does have an active presence on social media, but more importantly the Town has instituted a Perinton Alert Service System that can send, via e-mail or text, alerts regarding emergencies in the community. Supervisor's Office/Communications is responsible.
Maintenance programs to reduce risk (stormwater maintenance, tree trimming, etc.)	Yes	Stormwater Management Program Plan. Public Works is responsible for the implementation of this program.
Mutual aid agreements	No	-
Human Resources Manual - Do any job descriptions specifically include identifying or implementing mitigation projects or other efforts to reduce natural hazard risk?	No	-
Other	-	-
Technical/Staffing Capability		
Planners or engineers with knowledge of land development and land management practices	Yes	Engineering / Planning
Engineers or professionals trained in building or infrastructure construction practices	Yes	Engineering / Planning, Building and Codes
Planners or engineers with an understanding of natural hazards	Yes	Engineering / Planning
Staff with expertise or training in benefit/cost analysis	Yes	Department of Public Works
Professionals trained in conducting damage assessments	Yes	Building and Codes



Resources	Available? (Yes/No)	Comments (available staff, responsibilities, support of hazard mitigation)
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	Yes	Environmental Compliance
Surveyor(s)	No	-
Emergency Manager	Yes	Department of Public Works
Grant writer(s)	No	-
Resilience Officer	No	-
Other (this could include stormwater engineer, environmental specialist, etc.)	Yes	Environmental Specialist / Stormwater Engineer (Department of Public Works)

Fiscal Capability

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

Table 9.20-5. 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	Yes
Stormwater utility fee	No
Incur debt through general obligation bonds	Yes
Incur debt through special tax bonds	Yes
Incur debt through private activity bonds	No
Withhold public expenditures in hazard-prone areas	Yes
Other federal or state Funding Programs	Yes
Open Space Acquisition funding programs	Yes
Other (for example, Clean Water Act 319 Grants [Nonpoint Source Pollution])	N/A

Education and Outreach Capability

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

Table 9.20-6. Education and Outreach Capabilities

Outreach Resources	Available? (Yes/No)	Comment:
Public information officer or communications office	Yes	The Communications Department is responsible for communication between the Town and the residents.
Personnel skilled or trained in website development	Yes	The Communications Department is responsible for communication between the Town and the residents.
Hazard mitigation information available on your website	Yes	-



Outreach Resources	Available? (Yes/No)	Comment:
Social media for hazard mitigation education and outreach	Yes	Facebook, Twitter, Youtube, PASS (Perinton Alert Services System)
Citizen boards or commissions that address issues related to hazard mitigation	No	-
Warning systems for hazard events	Yes	PASS (Perinton Alert Services System)
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? • If yes, please describe.	No	-

Community Classifications

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

Table 9.20-7. 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	3	Unknown
New York State Department of Environmental Conservation (NYSDEC) Climate Smart Community	No	-	-
Storm Ready Certification	No	(Monroe County is StormReady)	-
Firewise Communities classification	No	-	-
Other	No	-	-

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 9.20-8. Adaptive Capacity

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

9.20.4 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 Perinton.

Table 9.20-9. 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 Perinton	59	20	\$229,926	1	-	0	24

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 Perinton.

Table 9.20-10. NFIP Summary

NFIP Topic	Comments
Flood Vulnerability Summary	



NFIP Topic	Comments
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? 	No
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)? 	No
Are any RiskMAP projects currently underway in your jurisdiction? <ul style="list-style-type: none"> If so, state what projects are underway. 	No
How do you make Substantial Damage determinations? <ul style="list-style-type: none"> How many were declared for recent flood events in your jurisdiction? 	Local Building Code Officials and the Town Engineer inspect a home damaged by flood water to determine whether a structures was damaged to the extent that it will have to meet current building codes and floodplain management regulations when its repaired.
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? 	1 Project: Structure Acquisition
Do your flood hazard maps adequately address the flood risk within your jurisdiction? <ul style="list-style-type: none"> If not, state why. 	Yes
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?	Yes
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? 	No
Provide an explanation of NFIP administration services you provide (e.g., permit review, GIS, education/outreach, inspections, engineering capability)	Permit Review, GIS, and engineering capability
How do you determine if proposed development on an existing structure would qualify as a substantial improvement?	The Town will follow the provision outlined in the Local Law 138 for Flood. The Building Department would identify the Building Permit improvement costs and forward to the Commissioner for the determination of equaling or exceeding 50% of the market value of the structure.
What are the barriers to running an effective NFIP program in the community, if any?	No
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)?	The most recent Community Assistance Visit was January 13, 2016 and the most recent Community Assistance Contact was December 6, 2021.
What is the local law number or municipal code of your flood damage prevention ordinance? <ul style="list-style-type: none"> What is the date that your flood damage prevention ordinance was last amended? 	Local Law: 138; last amended on March 24, 2021
Does your floodplain management program meet or exceed minimum requirements?	Meets all required elements



NFIP Topic	Comments
<ul style="list-style-type: none"> If exceeds, in what ways? 	
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?	Stormwater Management Program Plan, Environmental Protection overlay district
Does your community plan to join the CRS program or is your community interested in improving your CRS classification?	The Town is considering joining the CRS program.

9.20.5 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 Perinton identified the following routes and procedures to evacuate residents prior to and during an event.

- None identified

Sheltering

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

Table 9.20-11. Designated Emergency Shelters

Site Name	Address	Capacity (# of people)	Accommodates Pets?	ADA Compliant?	Backup Power?	Types of Medical Services Provided	Other Services Provided
None identified							

Temporary Housing

Each jurisdiction must identify sites for placement of temporary housing units to house residents displaced by a disaster. The Town of Perinton has identified the following sites suitable for placing temporary housing units.

Table 9.20-12. 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. The Town of Perinton has identified the following areas suitable for relocating homes outside of the floodplain.

Table 9.20-13. 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					

9.20.6 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 9.20-14 summarizes recent and expected future development trends, including major residential/commercial development and major infrastructure development.

Table 9.20-14. 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	39	0	18	0	34	0	29	0	21	0	Final statistics for 2022 were not available for this HMP update	
Multi-Family	7	0	6	0	8	0	0	0	0	0		
Other (commercial, mixed-use, etc.)	4	0	4	0	3	0	0	0	0	0		
Total New Construction Permits Issued	50	0	28	0	45	0	29	0	21	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 anticipated												

SFHA Special Flood Hazard Area (1% flood event)

* Only location-specific hazard zones or vulnerabilities identified.

9.20.7 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 Perinton'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 Perinton has significant exposure. The maps also show the location of potential new development, where available.

DRAFT



Figure 9.20-1. Town of Perinton Hazard Area Extent and Location Map 1

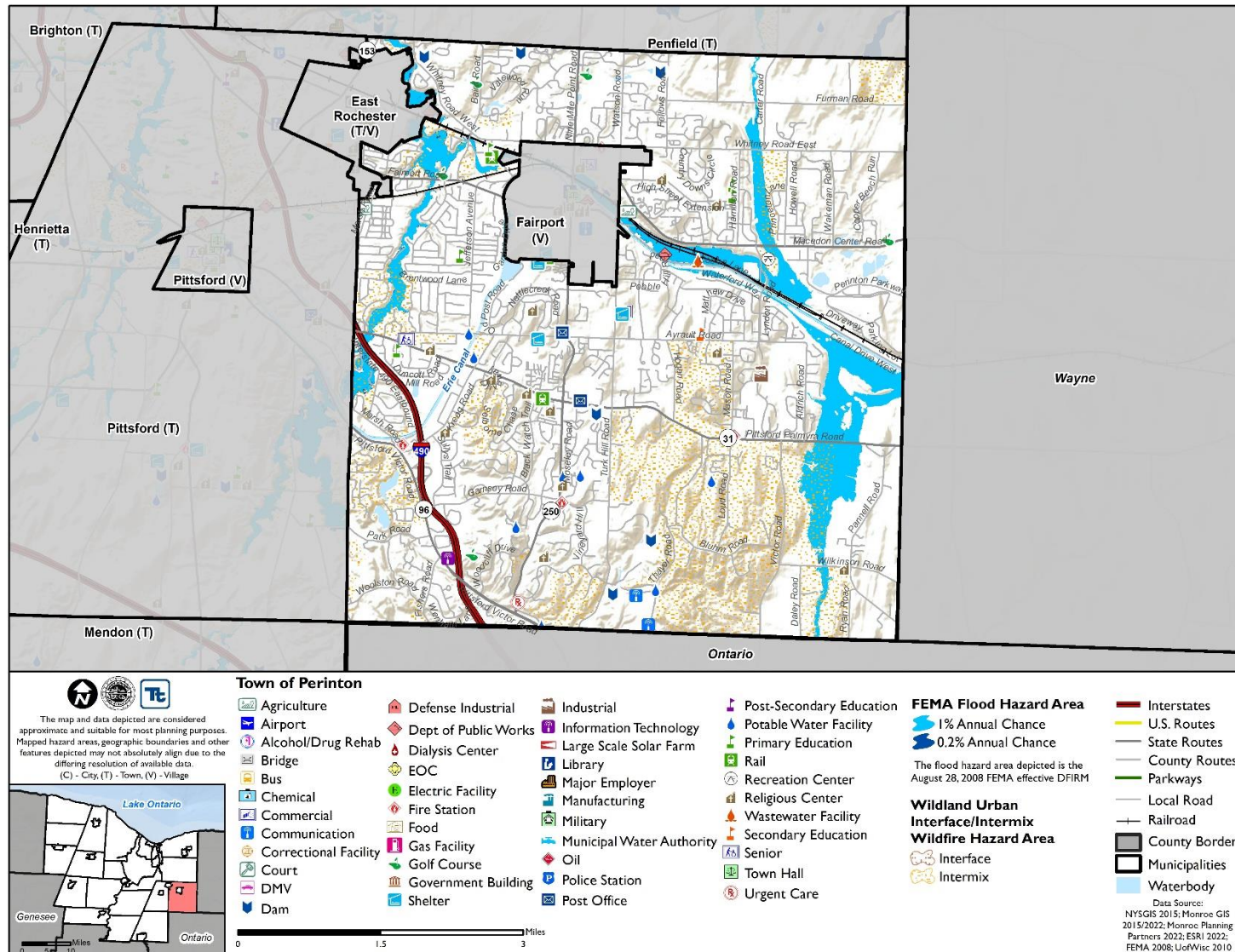
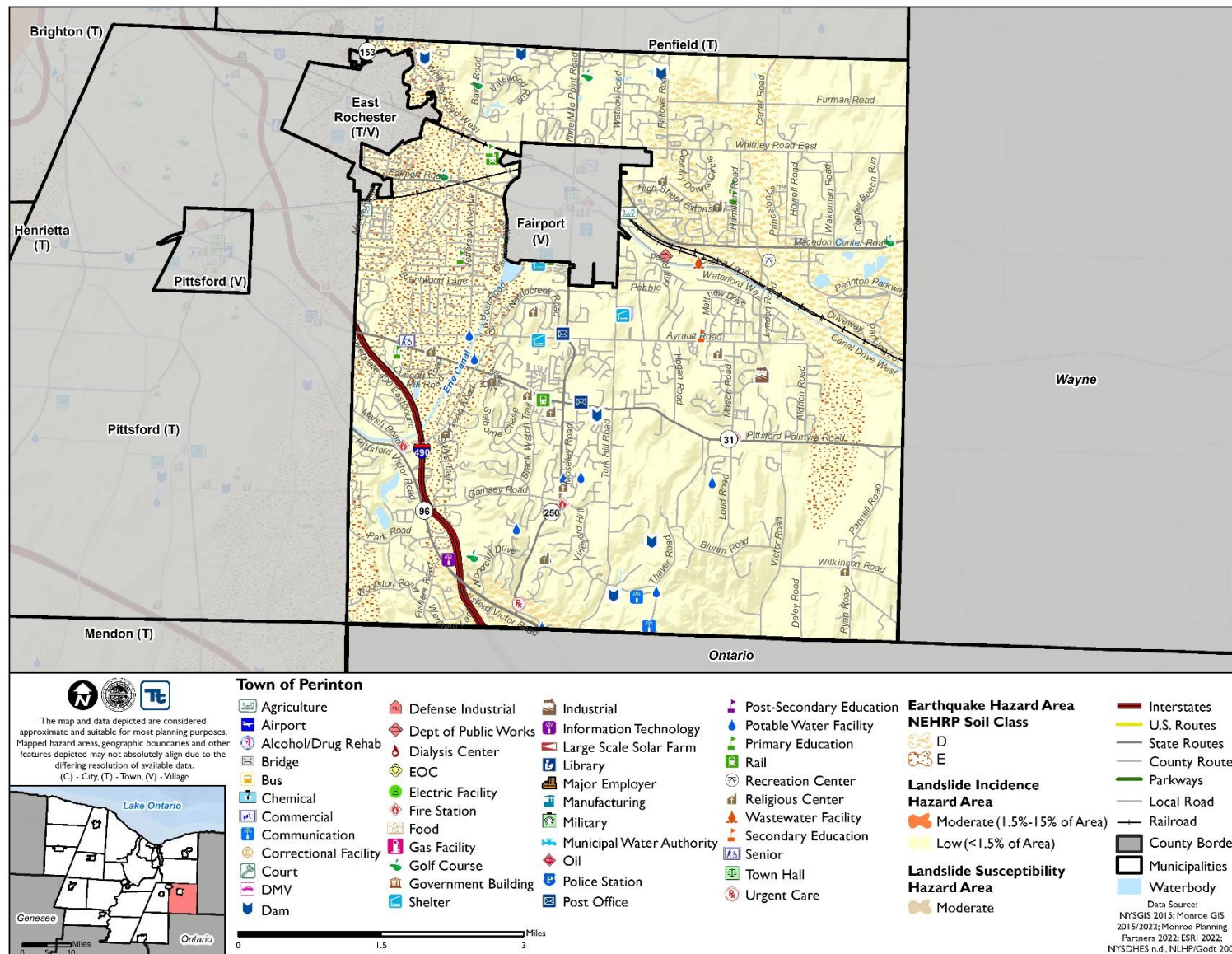




Figure 9.20-2. Town of Perinton Hazard Area Extent and Location Map 2





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 Perinton'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 9.20-15 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 9.20-15. 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.	\$2,000 in direct losses and over \$283,000.00 was spent in labor and equipment time to clean-up the Town from this event.
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.	Although the County was impacted, the Village did not report any significant damages.
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.	None Reported
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	None Reported
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.	Adjusted work hours and schedules of employees to avoid mass infections; however, continued to deliver the municipal services to the resident of the Town of Perinton.

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 Perinton'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 Perinton. The Town of Perinton 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 of Perinton indicated the following:

- The Town agreed with the remainder of the calculated hazard rankings.

Table 9.20-16. Hazard Ranking Input

Disease Outbreak	Drought	Earthquake	Extreme Temperature	Flood	Hazardous Materials
Low	Medium	Low	Medium	High	Low

Infestation and Invasive Species	Landslide	Severe Storm	Severe Winter Storm	Wildfire
Low	Low	High	High	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 9.20-17. 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		
Thomas Creek Pump Station	Wastewater Pump Station	X	X	2023-Town of Perinton-011	-
Town of Perinton DPW	Department of Public Works	X	X	2023-Town of Perinton-011	-

Source: FEMA 2008; Monroe County GIS 2022

Identified Issues

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

- During periods of heavy rain events, there is increased likely hood of flooding at Panorama Plaza and lakeshore properties. *
- Properties along Harvest Road are at risk from hundreds of trees at end of life, limbs and entire trees coming down during hazard events. All properties downstream of the Martha Brown Middle School dry detention pond are at risk of flash flooding and severe erosion. New York State Conservation Council has not yet produced flood prediction maps for the area as they did for the west side. *
- The Town has a lack of plans that deal with railroad related hazardous condition, such as a derailment. *
- Irondequoit Creek flows throughout the Town and floods as a regular occurrence during heavy rain events. *
- 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. *

*This issue was identified as a specific area of concern based on resident response to the Monroe Hazard Mitigation Citizen survey.

9.20.8 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 9.20-18. 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		
TP-1	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.	Earthquake, Extreme Temperatures, Flood, Infestation, Landslide, Severe Storms, Severe Winter Storms, Wildfire, HazMat, Utility Failure		Town Clerk	In Progress	Level of Protection		<ol style="list-style-type: none"> Include in 2023 HMP Include lesser known/less frequent hazards as part of outreach efforts.
TP-2	Develop formal tree/stream maintenance and clearing program to ensure clean stormwater flow	Flood, Severe Storm		Town Public Works/Engineer	In Progress	Damages Avoided; Evidence of Success		<ol style="list-style-type: none"> Include in 2023 HMP No change needed
TP-3	Acquire, elevate, or retrofit structures in the floodplain.	Flood, Severe Storm		Town Floodplain Administrator	In Progress	Cost		<ol style="list-style-type: none"> Include in 2023 HMP No change needed
TP-4	Upgrade stormwater management infrastructure	Flood, Severe Storm		Town Public Works	In Progress	Level of Protection		<ol style="list-style-type: none"> Include in 2023 HMP No change needed
	Protect streams and waterways against erosion	Flood, Severe Storm		Town Public Works	In Progress	Damages Avoided; Evidence of Success		<ol style="list-style-type: none"> Include in 2023 HMP No change needed



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)		1. Next Steps Project to be included in 2023 HMP or Discontinue 2. If including action in the 2023 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
TP-5						Damages Avoided; Evidence of Success		3.
TP-6	Lancashire pump Station Generator	Utility Failure, Flood, Severe Storm		Town Public Works	Complete	Cost	\$25,000	1. Discontinue 2. 3. Project Complete
						Level of Protection		
						Damages Avoided; Evidence of Success		
TP-7	Deer Run Pump Station Generator	Utility Failure, Flood, Severe Storm		Town Public Works	Complete	Cost	\$20,000	1. Discontinue 2. 3. Project Complete
						Level of Protection		
						Damages Avoided; Evidence of Success		
TP-8	Willowpond Stormwater Facility Upgrade to Allow for a Higher Volume of Flow	Flood, Severe Storm		Town Public Works	In Progress	Cost		1. Include in 2023 HMP 2. No change needed 3.
						Level of Protection		
						Damages Avoided; Evidence of Success		
TP-9	Apply to enter Community Rating System (CRS) program to achieve reduced flood insurance premiums for residents.	Flood		Town Public Works, Fire Marshal	In Progress	Cost		1. Include in 2023 HMP 2. No change needed 3.
						Level of Protection		
						Damages Avoided; Evidence of Success		



Additional Mitigation Efforts

In addition to the mitigation initiatives completed in Table 9.20-18, the Town of Perinton identified the following mitigation efforts completed since the last HMP:

- None identified

Proposed Hazard Mitigation Initiatives for the HMP Update

The Town of Perinton participated in a mitigation action workshop in October 2023 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 9.20-19. 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	-	-	-
Extreme Temperature	X	X	-	X	X	X	X	-	-	X
Flood	X	X	X	X	X	X	X	X	X	X
Hazardous Materials	X	-	-	X	X	X	X	-	-	-
Infestation and Invasive Species	X	-	-	X	X	X	X	-	-	-
Landslide	X	-	-	X	X	X	X	-	-	-
Severe Storm	X	X	X	X	X	X	X	X	X	X
Severe Winter Storm	X	X	-	X	X	X	X	-	-	X
Wildfire	X	-	-	X	X	X	X	-	-	-

Note: Mitigation categories are described below the Mitigation Initiatives Table (Table 9.20-20).

The table below summarizes the specific mitigation initiatives the Town of Perinton 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 9.20-20. 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 Perinton-001	Hazard Education and Outreach	4	All Hazards	<p>Problem: The Town residents and business owners in hazard areas may not know their properties are in hazard areas. As a result, these property owners do not have the proper protection from hazards.</p> <p>Solution: The Town will work with Emergency management and the County to distribute information to the community and provide educational learning sessions that provide in-depth information about hazards and how to prepare for them.</p>	No	None	1 year	Town Clerk, Emergency Management, County	Staff time	Increase public awareness of hazard events and safety	Municipal budget	High	EAP	PI
2023-Town of Perinton-002	Vegetation Maintenance Programs	1,3,5	Flood, Severe Storm	<p>Problem: During severe storms and flooding events the Town stormwater systems become clogged and overflow causing flooding to roadways and other transportation network.</p> <p>Solution: The Town will work with the DPW to identify stormwater areas and their proximity to overgrown vegetation.</p>	No	Yes	Within 2 years	Town Department of Public Works, Engineer	High	Consistent stormwater flow and decreased chances of flooding	HMGP Municipal Budget	Medium	SIP, NSP	NR, SP



Table 9.20-20. 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
				Once identified, the DPW will maintain the clearing and trimming of trees, overgrown brush, bushes, and other vegetation management.										
2023-Town of Perinton -003	Retrofit Structures	1,2,3,	Flood, Severe Storm	Problem: The Town has one repetitive loss property. This property requires mitigation to prevent future losses and prevent loss of life and property damage. Solution: The Town will work with an Engineer, the DPW and Floodplain Administrator to identify structures located in the floodplain. The engineer will determine whether the structures should be elevated above flood level. If a structure cannot be elevated the Town will determine whether the structure should be acquired and/or if the structure is acceptable for retrofitting. The FPA will review all structures and determine flood insurance participants.	No	None	Within 5 years	Town Floodplain Administrator, property owners	High	Property in the floodplain will not suffer significant damage during or after storm events	HMGP, BRIC, PDM, FMA, U.S. Army Corp of Engineers, Municipal Budget	High	SIP	PP



Table 9.20-20. 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 Perinton -004	Stormwater Management Upgrades	2,3	Flood, Severe Storm	Problem: Stormwater infrastructure throughout the Town becomes easily overwhelmed during storm events causing backups and clogging. Solution: The Town will work with the DPW to identify areas of weakness and upgrade the stormwater system with new materials that will prevent backups and overflow. The Town will implement improvements identified in Phase 2.	No	None	Within 5 years	Town Public Works	Medium	Increased efficiency in stormwater management, Reduction in flood risk, stormwater flood damage, maintains emergency access	HMGP, BRIC, PDM, Municipal budget	High	SIP	SP
2023-Town of Perinton -005	Erosion Management	2,3	Flood, Severe Storm	Problem: Streams and waterways collect debris from erosion and runoff during storm events causing backflow and flooding to the surrounding areas. Solution: Town DPW will identify areas of weakness and develop a clearing and maintenance system to lessen severity of erosion. The Town will implement improvements identified in Phase 2.	No	None	Within 3 years	Town Public Works	High	Protect the natural environment and decrease severity of flooding and overflow	HMGP, Municipal Budget	High	NSP	NR



Table 9.20-20. 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 Perinton -006	Lancashire Pump Station Generator	1,3	Extreme Temperature, Flood, Severe Storm, Severe Winter Storm	<p>Problem: Lancashire pump station does not have sufficient generation of power. During storm events the critical function of the pump station will fail causing a disruption in the continuity of operations.</p> <p>Solution: The Town will work with the DPW and Engineer to determine the dimensions of a proper generator and identify the best fit location for the generator. Once installed the DPW will be in charge of all maintenance to ensure the generator will work during storm events</p>	No	None	Within 2 years	Town Public Works	High	Ensures continuity of operations during a storm event	HMGP, BRIC, PDM, FMA, Municipal Budget	High	SIP	ES
2023-Town of Perinton -007	Deer Run Pump Station Generator	1,3	Extreme Temperature, Flood, Severe Storm, Severe Winter Storm	<p>Problem: Deer Run pump station does not have sufficient generation of power. During storm events the critical function of the pump station will fail causing a disruption in the continuity of operations.</p> <p>Solution: The Town will work with the</p>	No	None	Within 2 years	Town Public Works	High	Ensures continuity of operations during a storm event	HMGP, BRIC, PDM, FMA, Municipal Budget	High	SIP	ES



Table 9.20-20. 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
				DPW and Engineer to determine the dimensions of a proper generator and identify the best fit location for the generator. Once installed the DPW will be in charge of all maintenance to ensure the generator will work during storm events,										
2023-Town of Perinton -008	Stormwater Facility Upgrade	2,3	Flood, Severe Storm	Problem: The Willowpond Stormwater Facility does not have significant capacity for high volume water flow and containment. Solution: The Town Engineer will work with the DPW to gather additional measurements of the Facility. Once the measurements are obtained the Engineer will begin to design an advanced stormwater storage	No	None	Within 5 years	Town Public Works	High	Increase water flow capacity and reduce risk of overflow	HMGP, BRIC, PDM, Municipal Budget	High	SIP	SP
2023-Town of Perinton -009	Community Rating System	3,4,5	Flood	Problem: The Town has properties in the floodplain and wants to reduce the price of flood insurance for property owners. Solution: The Town will work with the County to work	No	None	Within 2 years	Town of Public Works, Fire Marshall	Staff time	Increase public awareness of flood insurance, reduce damage costs to property	Municipal budget	High	LP R	PR



Table 9.20-20. 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
				towards obtaining a Community Rating System ranking.						during flood events				
2023-Town of Perinton -010	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 determinations, and provide for appeals.</p> <p>Solution: The municipality will develop official procedures for Substantial Damage and Substantial Improvement determinations.</p>	No	None	Within 5 years	FPA	Staff time	Meet NFIP requirements, improved floodplain administration	Municipal budget	High	LP R	PP, PR
2023-Town of Perinton -011	Critical Facility Flood Protection	3	Flood	<p>Problem: The following Town owned critical facilities are located in the 1% floodplain:</p> <ul style="list-style-type: none"> Thomas Creek Pump Station Town of Perinton DPW <p>Solution: The Town will conduct a feasibility assessment to determine what additional floodproofing measures are needed at each facility to protect</p>	Yes	None	Within 5 years	Town Engineer	High	Ensure continuity of operations or critical facilities	FEMA HMGP, BRIC, PDM, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, REDI	High	SIP	PP



Table 9.20-20. 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>each to the 500-year flood level. Options include:</p> <ul style="list-style-type: none"> Elevation of facility Floodproofing of facility Mobile flood barriers <p>Once the most cost-effective option is identified, the Town will carry out the option.</p>							Grant program, Municipal Budget			
2023-Town of Perinton-012	Sheltering, Temporary and Permanent Housing	1,3	All Hazards	<p>Problem: The Town does not have designated emergency shelters and has not identified locations for the placing of temporary housing and permanent housing.</p> <p>Solution: The Town will work with neighbors and Monroe County to identify shelters and locations for temporary and permanent housing</p>	Yes	None	1 year	Administration, Monroe County, Office of Emergency Management, Neighboring municipalities	Staff time	Emergency shelters and locations for temporary and permanent housing identified.	Municipal Budget	High	LP R	ES
2023-Town of Perinton-013	Evacuation Route	1,3	All Hazards	<p>Problem: The Town does not have a designated evacuation route.</p> <p>Solution: The Town will work with the</p>	No	None	1 year	Town DPW	Staff time	Evacuation route provides safe transportation route out of the Town during	Municipal Budget	High	LP R	ES



Table 9.20-20. 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
				County to establish a evacuation route.						severe storm events				

Notes:

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

Acronyms and Abbreviations:

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

Potential FEMA HMA Funding Sources:

FMA	Flood Mitigation Assistance Grant Program
HMGP	Hazard Mitigation Grant Program
BRIC	Building Resilient Infrastructure and Communities Program

Timeline:


The time required for completion of the project upon implementation.

Cost:

The estimated cost for implementation.

Benefits:

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

Critical Facility:Yes  Critical Facility located in 1% floodplainMitigation 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.

DRAFT



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.

DRAFT



Table 9.20-21. 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 Perinton-001	Hazard Education and Outreach	1	1	1	0	0	1	1	0	1	1	1	1	1	0	10	High
2023-Town of Perinton-002	Vegetation Maintenance Program	0	1	1	1	0	1	1	1	0	0	1	0	1	1	9	High
2023-Town of Perinton-003	Retrofit Structures	1	1	0	1	1	1	0	1	1	1	1	0	1	1	11	High
2023-Town of Perinton-004	Stormwater Management Upgrades	0	1	0	1	0	1	0	1	1	1	1	0	1	1	9	High
2023-Town of Perinton-005	Erosion Management	1	1	0	1	0	1	0	1	1	0	1	1	0	1	9	High
2023-Town of Perinton-006	Lancashire Pump Station Generator	1	1	1	1	0	1	0	0	1	1	1	0	1	1	12	High
2023-Town of Perinton-007	Deer Run Pump Station Generator	1	1	1	1	0	1	0	0	1	1	1	0	1	1	12	High
2023-Town of Perinton-008	Stormwater Facility Upgrade	1	1	0	1	0	1	1	1	0	1	1	0	1	1	10	High
2023-Town of Perinton-009	Community Rating System	1	1	1	0	0	1	1	1	1	1	0	1	0	1	10	High
2023-Town of Perinton-010	Substantial Damage Procedures	0	1	1	1	1	1	1	1	1	1	1	0	1	1	12	High
2023-Town of Perinton-011	Critical Facility Flood Protection	1	1	1	1	1	0	1	1	1	0	0	0	1	1	11	High
20023-Town of Perinton-012	Sheltering, Temporary and Permanent Housing	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	High
2023-Town of Perinton-013	Evacuation Route	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	High

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



9.20.9 Action Worksheets

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

DRAFT



Town of Perinton Action Worksheet			
Project Name:	Vegetation Maintenance Program		
Project Number:	2023-Town of Perinton-002		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood, Severe Storm		
Description of the Problem:	During severe storms and flooding events the Town stormwater systems become clogged and overflow causing flooding to roadways and other transportation network.		
Action or Project Intended for Implementation			
Description of the Solution:	The Town will work with the DPW to identify stormwater areas and their proximity to overgrown vegetation. Once identified, the DPW will maintain the clearing and trimming of trees, overgrown brush, bushes, and other vegetation management.		
Is this project related to a Critical Facility?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Is this project related to a Critical Facility located within the 100-year floodplain?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
(If yes, this project must intend to protect the 500-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	N/A	Estimated Benefits (losses avoided):	High risk trees removed
Useful Life:	5 years	Goals Met:	1,3,5
Estimated Cost:	High	Mitigation Action Type:	Natural Systems Protection
Plan for Implementation			
Prioritization:	Medium	Desired Timeframe for Implementation:	Within 5 years
Estimated Time Required for Project Implementation:	Within 2 years	Potential Funding Sources:	Municipal budget, HMGP, BRIC
Responsible Organization:	Department of Public Works	Local Planning Mechanisms to be Used in Implementation if any:	Stormwater management, Hazard mitigation
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Problem continues.
	Removal all trees with fall risk on power lines and private property	N/A	Private property issues
	Encourage residents to report problem trees	\$100	Reactive instead of preemptive. Not as effective in controlling risk.
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			



Action Worksheet		
Project Name:	Vegetation Maintenance Program	
Project Number:	2023-Town of Perinton-002	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	0	
Property Protection	1	Project will protect property from damage from falling trees
Cost-Effectiveness	1	
Technical	1	
Political	0	
Legal	1	
Fiscal	1	Municipal budget
Environmental	1	
Social	0	
Administrative	0	
Multi-Hazard	1	Flood, Severe Storm
Timeline	0	Within 5 years
Agency Champion	1	Department of Public Works
Other Community Objectives	1	
Total	9	
Priority (High/Med/Low)	Medium	



Action Worksheet			
Project Name:	Retrofit Structure		
Project Number:	2023-Town of Perinton-003		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood, Severe Storm		
Description of the Problem:	The Town has one repetitive loss property. This property requires mitigation to prevent future losses and prevent loss of life and property damage.		
Action or Project Intended for Implementation			
Description of the Solution:	The Town will work with an Engineer, the DPW and Floodplain Administrator to identify structures located in the floodplain. The engineer will determine whether the structures should be elevated above flood level. If a structure cannot be elevated the Town will determine whether the structure should be acquired and/or if the structure is acceptable for retrofitting. The FPA will review all structures and determine flood insurance participants		
Is this project related to a Critical Facility or Lifeline?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Is this project related to a Critical Facility located within the 100-year floodplain?	Yes <input checked="" type="checkbox"/>	No <input 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:	1% annual chance flood event + freeboard (in accordance with flood ordinance)	Estimated Benefits (losses avoided):	Property in the floodplain will not suffer significant damage during or after storm events.
Useful Life:	Acquisition: Lifetime Elevation: 30 years (residential)	Goals Met:	1, 2, 3
Estimated Cost:	\$1M	Mitigation Action Type:	Structure and Infrastructure Project
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	Within 5 years
Estimated Time Required for Project Implementation:	Three years	Potential Funding Sources:	HMGP, BRIC, PDM, FMA, U.S. Army Corp of Engineers, Municipal Budget
Responsible Organization:	Town Floodplain Administrator, Property Owners	Local Planning Mechanisms to be Used in Implementation if any:	Hazard Mitigation
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Current problem continues
	Elevate homes	\$500,000	When this area floods, the entire area is impacted; elevating homes would not eliminate the problem and still lead to road closures and impassable roads
	Elevate roads	\$500,000	Elevated roadways would not protect the homes from flood damages
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			



Action Worksheet		
Project Name:	Retrofit Structure	
Project Number:	2023-Town of Perinton-003	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Residents moved out of high-risk flood areas.
Property Protection	1	Properties removed from high-risk flood areas.
Cost-Effectiveness	0	
Technical	1	Technically feasible project
Political	1	
Legal	1	The Township has the legal authority to conduct the project.
Fiscal	0	Project will require grant funding.
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	1	Flood, Severe Storm
Timeline	0	
Agency Champion	1	Town Floodplain Administrator, Property Owners
Other Community Objectives	1	
Total	11	
Priority (High/Med/Low)	High	



Action Worksheet			
Project Name:	Stormwater Management Upgrades		
Project Number:	2023-Town of Perinton-004		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood, Severe Storm		
Description of the Problem:	Stormwater infrastructure throughout the Town becomes easily overwhelmed during storm events causing backups and clogging.		
Action or Project Intended for Implementation			
Description of the Solution:	The Town will with the DPW to identify areas of weakness and upgrade the stormwater system with new materials that will prevent backups and overflow.		
Is this project related to a Critical Facility or Lifeline?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Is this project related to a Critical Facility located within the 100-year floodplain?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
(If yes, this project must intend to protect the 500-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	TBD by developed actions	Estimated Benefits (losses avoided):	Increased efficiency in stormwater management, Reduction in flood risk, stormwater flood damage, maintains emergency access,
Useful Life:	30 years	Goals Met:	2,3
Estimated Cost:	TBD by developed actions. Anticipated High.	Mitigation Action Type:	Structure and Infrastructure Projects
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	Within 5 years
Estimated Time Required for Project Implementation:	5 years	Potential Funding Sources:	HMGP, BRIC, PDM, municipal budget
Responsible Organization:	Town Public Works	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
	Elevate homes	Very High	Costly and would not solve roadway flooding
	Buyout homes	Very High	Costly and would not solve roadway flooding
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			



Action Worksheet		
Project Name:	Stormwater Management Upgrades	
Project Number:	2023-Town of Perinton-004	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	0	
Property Protection	1	Protects buildings from flood damage
Cost-Effectiveness	0	
Technical	1	Technically feasible project
Political	0	
Legal	1	The Town has the legal authority to conduct the project.
Fiscal	0	Project will require grant funding.
Environmental	1	
Social	1	Project would reduce flooding impacts
Administrative	1	
Multi-Hazard	1	Flood, Severe Storm
Timeline	0	Within 5 years
Agency Champion	1	DPW
Other Community Objectives	1	
Total	9	
Priority (High/Med/Low)	High	