# 2025 Hazard Mitigation Plan

DRAFT

Onondaga County, New York

## Village of Marcellus Annex

# TABLE OF CONTENTS

This Annex details the hazard mitigation elements specific to the Village of Marcellus, a participating jurisdiction to the 2025 Onondaga County Hazard Mitigation Plan update. This Annex is not intended to be a standalone document but supplements the information contained in **Volume 1 (Countywide Planning Elements)**. Therefore, all sections of **Volume 1** including the planning process, hazard identification and risk assessment, mitigation strategy (includes mitigation goals and objectives), and plan maintenance apply to and were met by the Village of Marcellus. This Annex provides additional information specific to the Village, with a focus on providing additional details on the hazard risk assessment and mitigation strategy (i.e., mitigation actions) for this community.

# 1. HAZARD MITIGATION LOCAL PLANNING TEAM

The following individuals have been identified as the Village of Marcellus Local Planning Team for the 2025 Onondaga County Hazard Mitigation Plan. These individuals participated in all aspects of the planning process and developed a risk and vulnerability assessment, capability assessment, and mitigation strategy (including mitigation actions) specific to the jurisdiction.

| Name | Title | Department |
|---|---|---|
| Chad Clark | Mayor | Board of Trustees |
| Charnley Abbott | Village Clerk | Village Office |
| Paul Stacey | Code Enforcement Officer | Code Enforcement Office |

# 2. MUNICIPAL PROFILE

The Village of Marcellus lies within the Town of Marcellus in the southwestern interior of Onondaga County and has a total area of 0.6 square miles. Otisco Lake is to the south, Skaneateles Lake to the west, and Nine Mile Creek (a trout stream) is to the north of the Village. The Village of Marcellus is located at the junction of New York State Route 174 and New York State Route 175 within the Town of Marcellus. *The Town of Marcellus has developed its own dedicated annex as part of this Plan.*

## 2.1. Population

In 2023, the Village of Marcellus had a population of 1,957, a 3.4% increase from the estimated 2018 population of 1,893. **Table 1** summarizes population distribution between 2010 and 2023, and the percentage of the 2023 population that is under five (5) years old, over 65 years old, and living below poverty level.

**Table 1. Population Trends**

| Population | | | | Underserved Population | | |
|---|---|---|---|---|---|---|
| **2010[1]** | **2018[2]** | **2023[3]** | **Population Change** *(2018 – 2023)* | **Youth[3]** *(Under 5 years old)* | **Elderly[3]** *(Over 65 years old)* | **Below Poverty Level[4]** |
| 1,544 | 1,893 | 1,957 | 3.4% | 2.2% | 20.0% | 9.7% |

[1] United States Census Bureau. (2010). DP05: ACS Demographic and Housing Estimates (2010: 5-Year Estimates Data Profiles). Retrieved from https://data.census.gov/table/ACSDP5Y2010.DP05?g=160XX00US3645480.
[2] United States Census Bureau. (2018). DP05: ACS Demographic and Housing Estimates (2018: 5-Year Estimates Data Profiles). Retrieved from https://data.census.gov/table/ACSDP5Y2018.DP05?g=160XX00US3645480.
[3] United States Census Bureau. (2023). DP05: ACS Demographic and Housing Estimates (2023: 5-Year Estimates Data Profiles). Retrieved from https://data.census.gov/table/ACSDP5Y2023.DP05?g=160XX00US3645480.
[4] United States Census Bureau. (2023). S1701: Poverty Status in the Past 12 Months (2023: 5-Year Estimates Data Profiles). Retrieved from https://data.census.gov/table/ACSST5Y2023.S1701?g=160XX00US3645480.

## 2.2. History and Cultural Resources

Located between the cities of Syracuse and Auburn (Cayuga County), and a few miles from Otisco and Skaneateles lakes, Marcellus was incorporated as a village on June 4, 1853. Marcellus developed at the crossroads of two (2) major transportation routes, Nine Mile Creek and the Seneca Turnpike, at one time called the Great Genesee Road. The waterpower provided by Nine Mile Creek, an outlet of Otisco Lake, attracted a variety of individuals who built a number of mills (e.g., grist, saw, barley, and woolen) on the Creek and the products of these mills attracted even more individuals to the valley to work and provide other services for neighboring farmers. The Seneca Turnpike, an outgrowth of the Great Native American Trail that stretched across the State of New York, was a major highway in the State for people and products moving west. The original trail was practically a straight line through what would become Marcellus Village, but in 1802, when the Turnpike was laid out by New York State for improvement, the roadbed was changed to its present location on its way west out of the Village in order to avoid the steep climb.

Stagecoach lines operating on the Turnpike would help the area, particularly the valley of the Nine Mile Creek, to develop as a trading and manufacturing center. There were a number of business establishments on the Turnpike, including the famous Alvord House, located strategically in the valley for servicing those who traveled the highway.

The original corporation of the Village consisted of a little over 282 acres of land, about two-thirds of the present size of the Village. The eastern and western boundaries of the Village have minimally changed since 1853. Nine Mile Creek is basically the eastern boundary of the Village, and the hills are the northern boundary, including what is commonly referred to today as Scotch Hill.

The Village of Marcellus retains some of the finest architectural and historic landmarks in Central New York, such as the Dan Bradley House (59 South Street), one of the oldest and least altered houses of the region.

# 3. GROWTH/DEVELOPMENT TRENDS

Understanding development trends can help evaluate whether the jurisdiction's vulnerability has increased, decreased, or remained the same. **Table 2** summarizes the total housing units built in the Village of Marcellus between 2019 and 2023.[5]

**Table 2. Housing Units Built (2019 – 2023)**

| Type | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|---|---|---|---|---|
| Single-Family Units | 0 | 0 | 0 | 3 | 6 |
| Multi-Family Units | 0 | 0 | 0 | 0 | 0 |
| *2-Family Units* | *0* | *0* | *0* | *0* | *0* |
| *3-Family Units* | *0* | *0* | *0* | *0* | *0* |
| *Apartment Units* | *0* | *0* | *0* | *0* | *0* |
| **Total Units** | **0** | **0** | **0** | **3** | **6** |

The Onondaga County Housing Needs Assessment, a component of the County's Comprehensive Plan, explores the County's housing market and its challenges in greater depth and argues that one of the County's greatest housing needs is an improved approach to land use planning. In the Assessment, it is stated that there are similarities and affinities between certain groups of municipalities. Therefore, the County was sub-divided into seven (7) sub-regions, each of which covers multiple municipalities. The municipalities within each sub-region, share sufficient

[5] Data provided by the Onondaga County Department of Planning based on Real Property Data (2024).

geographic and market characteristics to be treated as a single place for purposes of further understanding the county housing market.

The Village of Marcellus is in the Rural Countryside sub-region. This sub-region has a greater proportion of married couple families, both elderly (17%) and non-elderly (65%), and relatively fewer single parent families and people living alone. Total household growth between 2000 and 2020 was 8.8% (the average of all the County towns/villages was 12.0%). Growing demand in the County would likely support continued large-lot homebuilding within the towns. Villages, without a clear market for aging housing in mostly remote locations, would slowly continue on their early 20th Century trajectory. If household growth in the towns within this sub-region grew sufficiently, it could encourage development of some additional commercial uses. Under a low-growth scenario, it is likely that the towns within Rural Countryside could continue to add large-lot houses in a rural setting, though construction would likely slow. Market changes would happen gradually, with strong areas remaining strong for a period of time.

**Table 3** summarizes major recent residential/commercial development (in the past five (5) years), and any known or anticipated major residential/commercial development and major infrastructure development, as of December 2024, that is likely to occur within hazard prone areas in the next five (5) years.

**Table 3. Growth and Development**

| Property or Development Name | Location | Type *(e.g., residential, commercial)* | # of Units/ Structures | Known Hazard Zone(s) | Status of Development |
|---|---|---|---|---|---|
| **Recent Development in the Past Five (5) Years (2019 – 2024)** | | | | | |
| Stewart's Shops | 27 East Main Street Marcellus, NY 13108 | Commercial | 1 | Heat Wave/Extreme Heat, Severe Weather, Winter Weather | Completed |
| **Known or Anticipated Development in the Next Five (5) Years (2024 – 2029)** | | | | | |
| Baltimore Ridge | Baltimore Ridge Road Marcellus, NY 13108 | Residential | 23 | Heat Wave/Extreme Heat, Severe Weather, Winter Weather | Under Construction |
| McClurg Apartments | North Street Marcellus, NY 13108 | Residential | 4 | Heat Wave/Extreme Heat, Severe Weather, Winter Weather | Planning Stage |
| Senior Apartments | 8 Paul Street Marcellus, NY 13018 | Residential | TBD | Heat Wave/Extreme Heat, Severe Weather, Winter Weather | Planning Stage |

## 3.1. Changes in Priority

The overall hazard mitigation priorities have not significantly changed for the Village of Marcellus since the last Plan update. However, mitigation actions from the previous Plan were updated, and a more concerted effort on achieving equitable outcomes for all communities, including underserved communities and socially vulnerable populations, has been implemented.

# 4. CAPABILITY ASSESSMENT

Federal regulations require hazard mitigation plans to identify goals for reducing long-term vulnerabilities to the identified hazards in the planning area (Section 201.6(c)(3)(i)). A critical step in the development of specific hazard mitigation actions and projects is assessing existing authorities, policies, programs, and resources and capabilities to use or modify local tools to reduce losses and vulnerability from profiled hazards.

A capability assessment was conducted for the Village of Marcellus' authorities, policies, programs, and resources. Goals and mitigation actions were developed using input from this assessment. Information regarding the Village's implementation of and continued participation in the National Flood Insurance Program (NFIP) can be found in Section 5 of this Annex.

The Local Planning Team assessed the Village's capabilities that can contribute to the reduction of long-term vulnerabilities to hazards. The capabilities include the following categories:

- Planning and Regulatory Capabilities
- Administrative and Technical Capabilities
- Fiscal Capabilities
- Education and Outreach Capabilities

Additionally, ways to expand on and improve these existing policies and programs to integrate hazard mitigation into the day-to-day activities and programs of the Village were considered.

## 4.1. Planning and Regulatory Capabilities

**Table 4** includes local ordinances, policies, and laws to manage growth and development (e.g., land use plans, capital improvement plans, transportation plans, emergency preparedness and response plans, building codes, and zoning ordinances).

**Table 4. Planning and Regulatory Capabilities**

| Capability Category | Yes/No | Authority *(local, county, state, federal)* | Responsible Department/ Agency | Code Citation and Comments *(e.g., Code Chapter, name of plan, explanation of authority, etc.)* |
|---|---|---|---|---|
| **Planning Capability** | | | | |
| Comprehensive Plan | Yes | Local | Planning and Development Department | The Village's Comprehensive Plan is undergoing update |
| Capital Improvements Plan | No | N/A | N/A | N/A |
| Floodplain Management / Basin Plan | No | N/A | N/A | N/A |
| Stormwater Management Plan | Yes | Local | Department of Public Works | Member of the Central New York (CNY) Stormwater Coalition |
| Open Space Plan | No | N/A | N/A | N/A |
| Stream Corridor Management Plan | No | N/A | N/A | N/A |

| Capability Category | Yes/No | Authority *(local, county, state, federal)* | Responsible Department/ Agency | Code Citation and Comments *(e.g., Code Chapter, name of plan, explanation of authority, etc.)* |
|---|---|---|---|---|
| Watershed Management or Protection Plan | No | N/A | N/A | N/A |
| Economic Development Plan | No | N/A | N/A | N/A |
| Comprehensive Emergency Management Plan | No | N/A | N/A | N/A |
| Emergency Operation Plan | No | N/A | N/A | N/A |
| Evacuation Plan | No | N/A | N/A | N/A |
| Post-Disaster Recovery Plan | No | N/A | N/A | N/A |
| Transportation Plan | No | N/A | N/A | N/A |
| Strategic Recovery Planning Report | No | N/A | N/A | N/A |
| Climate Adaptation Plan | No | N/A | N/A | N/A |
| Resilience Plan | No | N/A | N/A | N/A |
| Other Plans: | No | N/A | N/A | N/A |
| **Regulatory Capability** | | | | |
| Building Code | Yes | Local, State | Code Enforcement Office | Chapter 16 of the New York State Building Code<br><br>Chapter 44 of the Village Code |
| Zoning Ordinance | Yes | Local | Code Enforcement Office | Chapter 250 of the Village Code |
| Subdivision Ordinance | Yes | Local | Code Enforcement Office | Chapter 223 of the Village Code |
| NFIP Flood Damage Prevention Ordinance | Yes | Local | Code Enforcement Office | Chapter 89 of the Village Code |
| NFIP: Cumulative Substantial Damages | No | N/A | N/A | N/A |
| NFIP: Freeboard | Yes | State | Code Enforcement Office | Chapter 16 of the New York State Building Code<br><br>State mandated two (2) feet above the BFE for all construction, both residential and non-residential. |
| Growth Management Ordinances | No | N/A | N/A | N/A |

| Capability Category | Yes/No | Authority *(local, county, state, federal)* | Responsible Department/ Agency | Code Citation and Comments *(e.g., Code Chapter, name of plan, explanation of authority, etc.)* |
|---|---|---|---|---|
| Site Plan Review Requirements | Yes | Local | Planning Board | Chapter 204 of the Village Code |
| Stormwater Management Ordinance | Yes | Local, State | Code Enforcement Office | Chapter 217 of the Village Code |
| Municipal Separate Storm Sewer System (MS4) | Yes | Federal | Code Enforcement Office | Permits are required for stormwater discharges from MS4s in urbanized areas and for construction activities disturbing one (1) or more acres. The Town has been automatically designated as a regulated MS4 and required to develop a comprehensive stormwater management program.<br><br>Chapter 217 of the Village Code |
| Natural Hazard Ordinance | No | N/A | N/A | N/A |
| Post-Disaster Recovery Ordinance | No | N/A | N/A | N/A |
| Real Estate Disclosure Requirement | Yes | Local, State | New York State Department of State, Real Estate Agent | New York Code – Article 14 §460-467 (Property Condition Disclosure Act) |
| Other (Special Purpose Ordinances [i.e., sensitive areas, steep slope]) | No | N/A | N/A | N/A |

## 4.2. Administrative and Technical Capabilities

The administrative and technical capabilities, listed in **Table 5**, include community (i.e., public and private) staff and their skills and tools, which can be used for mitigation planning and implementation. This capability includes engineers, planners, emergency managers, Geographic Information System (GIS) analysts, building inspectors, grant writers, and floodplain managers. Small communities may rely on other government entities, such as counties or special districts, for resources.

**Table 5. Administrative and Technical Capabilities**

| Capability | Yes/No | Position/Department/Agency |
|---|---|---|
| **Administrative Capability** | | |
| Planning Board | Yes | |
| Mitigation Planning Committee | Yes | Code Enforcement Office |
| Environmental Board/Commission | No | N/A |
| Open Space Board/Committee | No | N/A |

| Capability | Yes/No | Position/Department/Agency |
|---|---|---|
| Economic Development Commission/Committee | No | N/A |
| Maintenance programs to reduce risk | Yes | Department of Public Works |
| Mutual aid agreements | Yes | Fire Department |
| **Technical/Staffing Capability** | | |
| Planner(s) or engineer(s) with knowledge of land development and land management practices | Yes | Code Enforcement Officer, Code Enforcement Office |
| Engineer(s) or professional(s) trained in construction practices related to buildings and/or infrastructure | Yes | Code Enforcement Officer, Code Enforcement Office<br>Village Engineer, Code Enforcement Office |
| Planners or engineers with an understanding of natural hazards | Yes | Code Enforcement Officer, Code Enforcement Office<br>Village Engineer, Code Enforcement Office |
| NFIP Floodplain Administrator | Yes | Code Enforcement Officer, Code Enforcement Office |
| Surveyor(s) | Yes | Engineering Consultant |
| Personnel skilled or trained in GIS applications | Yes | Code Enforcement Officer, Code Enforcement Office<br>Engineering Consultant |
| Scientist familiar with natural hazards | No | N/A |
| Warning systems/services | Yes | Onondaga County Emergency Communications (911) |
| Emergency Manager | Yes | Police Chief, Police Department |
| Grant writer(s) | Yes | Engineering Consultant |
| Staff with expertise or training in benefit/cost analysis | Yes | Engineering Consultant |
| Professionals trained in conducting damage assessments | Yes | Engineering Consultant |

## 4.3. Fiscal Capabilities

**Table 6** contains a list of fiscal capabilities available to the Village that may be used to implement mitigation activities to reduce risk and enhance resiliency. This capability includes available funding sources from local budgets, state and federal grants, potential cost-sharing arrangements with private entities, existing insurance policies, and the ability to generate additional revenue through fees and bonds related to mitigation.

**Table 6. Fiscal Capabilities**

| Financial Resources | Accessible or Eligible to Use |
|---|---|
| Community Development Block Grants (CDBG, CDBG-DR) | Yes |
| Federal Hazard Mitigation Assistance Program *(i.e., Hazard Mitigation Grant Program (HMGP), HMGP Post Fire, Building Resilient Infrastructure and Communities (BRIC), Flood Mitigation Assistance (FMA) Program)* | Yes |
| Capital Improvements Project Funding | Yes |

| Financial Resources | Accessible or Eligible to Use |
|---|---|
| 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 | Yes |
| Incur debt through private activity bonds | Yes |
| Withhold public expenditures in hazard-prone areas | No |
| Other federal or state funding programs | Yes |
| Open Space Acquisition funding programs | No |

## 4.4. Education and Outreach Capabilities

**Table 7** lists the Village's education and public outreach capabilities that can be used to inform residents about potential hazards, educate on mitigation strategies, and encourage proactive actions to reduce the community's impacts to disasters. These capabilities include fire safety programs, hazard awareness campaigns, public information, and communications offices.

**Table 7. Education and Outreach Capabilities**

| Capability | Yes/No | Position/Department/Agency |
|---|---|---|
| Public Information Officer | No | N/A |
| Personnel skilled or trained in website development | Yes | Village Clerk, Village Office |
| Hazard mitigation information available on the jurisdiction's website | Yes | Village Clerk, Village Office |
| Utilize social media for hazard mitigation education | No | N/A |
| Citizen boards or commissions that address issues related to hazard mitigation | No | N/A |
| Other programs already in place that could be used to communicate hazard-related information | No | N/A |
| An established warning system for hazard events | Yes | Onondaga County Emergency Communications (911) |

## 4.5. Community Classifications

The community classification relates to the community's ability to provide effective services to lessen its vulnerability to the hazards identified. These classifications can be viewed as an indicator of the community's capabilities in all phases of emergency management (i.e., preparedness, response, recovery and mitigation) and are used as an underwriting parameter for determining the costs of various forms of insurance. **Table 8** summarizes classifications for community programs available to the Village of Marcellus.

**Table 8. Community Classifications**

| Program | Yes/No | Classification *(if applicable)* | Date Classified *(if applicable)* |
|---|---|---|---|
| Community Rating System (CRS) | No | N/A | N/A |
| Building Code Effectiveness Grading Schedule (BCEGS) | Yes | Class 4 | November 2016 |
| Public Protection (ISO Fire Protection Classes 1 to 10) | Yes | Class 4 | - |
| New York State Department of Environmental Conservation Climate Smart Community | No | N/A | N/A |
| Storm Ready Certification | No | N/A | N/A |
| Firewise Communities classification | No | N/A | N/A |
| Natural disaster/safety programs in/for schools | No | N/A | N/A |
| Organizations with mitigation focus (advocacy group, non-government) | No | N/A | N/A |
| Public private partnership initiatives addressing disaster-related issues | No | N/A | N/A |

## 4.6. Self-Assessment of Capability

**Table 9** provides an approximate measure of the Village of Marcellus' capability to work in a hazard mitigation capacity and/or effectively implement hazard mitigation strategies to reduce hazard vulnerabilities.

**Table 9. Self-Assessment Capability for the Municipality**

| Capability Area | Degree of Hazard Mitigation Capability | | |
|---|---|---|---|
| | ***Limited*** *(If limited, what are your obstacles?)* | ***Moderate*** | ***High*** |
| Planning and Regulatory Capabilities | | | **X** |
| Administrative and Technical Capabilities | | | **X** |
| Fiscal Capabilities | | | **X** |
| Education and Outreach Capabilities | | **X** | |
| Community Political Capabilities | | | **X** |
| Community Resiliency Capabilities | | | **X** |
| Capability to integrate mitigation into municipal processes and activities | | | **X** |

## 4.7. Needs to Expand/Improve Capabilities

Based on the capability self-assessment in Section 4.6, the Village of Marcellus identified existing authorities, policies, programs, funding, and/or resources that need to be expanded and/or improved in order to support the implementation of the hazard mitigation initiatives identified in this Plan (e.g., mitigation actions).

- In order to increase the Village's capability to implement hazard mitigation, apply for hazard mitigation grants, and fund the local match for hazard mitigation grants, the Village needs to expand its grant writing capabilities by potentially hiring more grant writers.
- Village codes and ordinances (e.g., building, zoning, protecting steep slopes, wetlands) should be reviewed based on developing trends in identified hazards and mitigation measures that can make them more effective at preventing losses.

## 5. NATIONAL FLOOD INSURANCE PROGRAM

The Village of Marcellus is a member of the National Flood Insurance Program (NFIP) but has chosen to not participate in the NFIP Community Rating System (CRS) Program. The Village is in good standing with the NFIP through adoption and enforcement of floodplain management requirements (e.g., regulating all new and substantially improved construction in Special Hazard Flood Areas), floodplain identification and mapping, and flood insurance outreach to the community. The Village's NFIP participation information is listed in **Table 10**.

**Table 10. NFIP Participation Information**

| CID | NFIP Participation Date | Current Effective FIRM Date | CRS Entry Date | CRS Current Effective Date | CRS Rating |
|---|---|---|---|---|---|
| 360586 | 4/12/1974 | 11/4/2016 | N/A | N/A | N/A |

### 5.1. NFIP Floodplain Administrator

All NFIP participating jurisdictions have a designated Floodplain Administrator that is charged with enforcing floodplain regulations, routinely monitoring the floodplains, and providing community assistance such as encouraging owners to maintain flood insurance. The Village of Marcellus Floodplain Administrator information is listed in **Table 11**.

**Table 11. Floodplain Administrator**

| Name | Title | Department | Phone Number |
|---|---|---|---|
| Paul Stacey | Code Enforcement Officer | Codes Enforcement Office | (315) 673-3112 |

### 5.2. Repetitive Loss and Severe Repetitive Loss Property

FEMA defines a Repetitive Loss property as an NFIP-insured property meeting at least one (1) of the following paid loss criteria since 1978, regardless of any changes in ownership:

- Four (4) or more separate claims payments greater than $5,000 each (including building and contents payment).
- Two (2) or more separate flood insurance claims payments (building payments only), where the total of the payments is greater than the property's current value.

Additionally, to receive a designation, at least two (2) of the claim payments must occur within 10 years of one another.[6]

A Severe Repetitive Loss property is defined by FEMA as any NFIP-insured single-family or multi-family residential building meeting at least one (1) of the following paid loss criteria since 1978 or from building constructed after 1978, regardless of any changes in ownership:[7]

- That has incurred flood-related damage for which four (4) or more separate claims payments have been made, with the amount of each claim (including building and contents payments) exceeding $5,000, and with the cumulative amount of such claims payments exceeding $20,000.
- For which at least two (2) separate claims payments (building payments only) have been made under such coverage, with the cumulative amount of such claims exceeding the market value of the building.

**Table 12** summarizes FEMA Repetitive Loss and Severe Repetitive Loss properties within the Village of Marcellus.

**Table 12. Repetitive Loss and Severe Repetitive Loss Properties**

| Repetitive Loss Properties | | Severe Repetitive Loss Properties | |
|---|---|---|---|
| *Total* | *Occupancy* | *Total* | *Occupancy* |
| 0 | -- | 0 | -- |

***Occupancy Type:*** *Single Family = Single family residence • Two (2)-Four (4) Unit Residential Building = Two (2)-four (4) unit residential building • More Than Four (4) Units Residential Building = Residential building with more than four (4) units • Non-Residential Building = Non-residential building • Non-Residential Business = Non-residential business • Single Family Residential Building = Single-family residential building with the exception of a mobile home or a single residential unit within a multi-unit building • Residential (2, 3, or 4 units) Non-Condo Building = Residential non-condo building with two (2), three (3), or four (4) units seeking insurance on all units • Residential (5 or more units) Non-Condo Building = Residential non-condo building with 5 or more units seeking insurance on all units • Residential Mobile/Manufactured Home = Residential mobile/manufactured home • Residential Condo Association = Residential condo association seeking coverage on a building with one (1) or more units • Single Residential Unit = Single residential unit within a multi-unit building • Non-Residential Mobile/manufactured Home = Non-residential mobile/manufactured home • Non-Residential Building = Non-residential building • Non-Residential Unit = Non-residential unit within a multi-unit building*

**Table 13** summarizes the NFIP active policies and coverage in force data for the Village of Marcellus.

**Table 13. NFIP Policies**

| NFIP Policies | Insurance in Force | Total Claims Paid | Sum of Claims Paid |
|---|---|---|---|
| 1 | $353 | 7 | $12,430 |

## 5.3. Participation Activities

The Village of Marcellus NFIP participation over the last five (5) years includes the following:

- Provides the following services – permit review, GIS, inspections, and engineering capability.
- Enforces local floodplain regulations and monitors compliance.

[6] Federal Emergency Management Agency, National Flood Insurance Program. (2023). A Policyholder's Guide to Severe Repetitive Loss. Retrieved from https://agents.floodsmart.gov/sites/default/files/fema_nfip-policyholders-guide-severe-repetitive-loss_brochure_07-2023.pdf.

[7] Federal Emergency Management Agency, National Flood Insurance Program. (2021). National Flood Insurance Program: Flood Insurance Manual. Retrieved from https://www.fema.gov/sites/default/files/documents/fema_nfip-all-flood-insurance-manual-apr-2021.pdf.

- Floodplain management regulations meet or exceed FEMA or State minimum requirements.

### 5.3.1. Regulatory

#### Flood Damage Prevention Ordinance

The Village of Marcellus' Flood Damage Prevention Chapter *(Chapter 89 of the Village Code)* was adopted 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:

- 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.
- Require that uses vulnerable to floods, including facilities which serve such uses, be protected against flood damage at the time of initial construction.
- Control the alteration of natural floodplains, stream channels, and natural protective barriers which are involved in the accommodation of floodwaters.
- Control filling, grading, dredging and other development which may increase erosion or flood damages.
- Regulate the construction of flood barriers which will unnaturally divert floodwaters or which may increase flood hazards to other lands.
- Qualify for and maintain participation in the NFIP.

The objectives of this Chapter are to:

- Protect human life and health.
- Minimize expenditure of public money for costly flood control projects.
- Minimize the need for rescue and relief efforts associated with flooding and generally undertaken at the expense of the general public.
- Minimize prolonged business interruptions.
- Minimize damage to public facilities and utilities, such as water and gas mains, electric, telephone, and sewer lines, streets and bridges located in areas of special flood hazard.
- Help maintain a stable tax base by providing for the sound use and development of areas of special flood hazard so as to minimize future flood blight areas.
- Provide that developers are notified that property is in an area of special flood hazard.
- Ensure that those who occupy the areas of special flood hazard assume responsibility for their actions.

#### Substantial Damage

*Substantial damage* means damage of any origin sustained by a structure by which the cost of restoring the structure to its before damaged condition would equal or exceed 50% of the market value of the structure before the damage occurred. *(Chapter 89 of the Village Code)*

### Substantial Improvement

*Substantial improvement* means any reconstruction, rehabilitation, addition, or other improvement of a structure, the cost of which equals or exceeds 50% of the market value of the structure before the "start of construction" of the improvement. The term includes structures which have incurred *substantial damage*, regardless of the actual repair work performed. The term does not, however, include either:

- Any project for improvement of a structure to correct existing violations of state or local health, sanitary, or safety code specifications which have been identified by the local code enforcement official and which are the minimum necessary to assure safe living conditions.
- Any alteration of a historic structure provided that the alteration will not preclude the structure's continued designation as a historic structure. *(Chapter 89 of the Village Code)*

There are other local ordinances, plans or programs (e.g., site plan review) that support floodplain management and meeting the NFIP requirements.

# 6. HAZARD MITIGATION PLAN INTEGRATION

In order for a community to successfully reduce long term risk, hazard mitigation must be integrated into day-to-day planning mechanisms and initiatives. Plan integration is the process by which communities critically assess the existing planning framework and align efforts with the goal of reducing long term risks and building a more resilient community. It involves a two (2) way exchange of information and incorporation of ideas and concepts between hazard mitigation plans and other community plans. In particular, plan integration involves the incorporation of hazard mitigation principles and actions into other plans, and planning mechanisms into hazard mitigation plans. Plan integration involves community plans, policies, codes, and programs that guide development, roles, and responsibilities in implementing these capabilities. Additionally, plan integration is achieved through the involvement of key staff and community officials in collaborative hazard mitigation planning.

## 6.1. Existing Plan Integration

A hazard mitigation plan must explain how the jurisdiction incorporated the previous Plan update over the last five (5) years to demonstrate progress in local mitigation efforts. In the performance period since the adoption of the previous Hazard Mitigation Plan, the Village of Marcellus made progress on integrating components of the hazard mitigation strategy (e.g., goals, objectives, and actions) into planning initiatives and mechanisms. **Table 14** highlights the planning mechanisms/initiatives where the previous Plan was integrated and what information was integrated.

**Table 14. Current Plan Integration**

| Planning Initiative | Current Integration Description |
|---|---|
| Stormwater Management Plan | The Village of Marcellus is a Municipal Separate Storm Sewer System (MS4) regulation community with a formal Stormwater Management Program. The Stormwater Management Program includes projects, actions, and initiatives to reduce the volume of stormwater or otherwise mitigate stormwater flooding. Hazard mitigation measures have been implemented in activities that impact stormwater. |
| Ordinances | The Village has multiple local ordinances pertaining to the mitigation of hazards. These ordinances include the establishment of the Planning Board and Zoning Board of Appeals, Building Code Ordinance (Chapter 44 of the Village Code), Flood Damage Prevention Ordinance (Chapter 89 of the Village Code), Stormwater Management Ordinance (Chapter 217 of the Village Code), Zoning Ordinance (Chapter 250 of the Village Code), and the Subdivision Regulations (Chapter 223 of the Village Code). |

| Planning Initiative | Current Integration Description |
|---|---|
| Public Outreach | The Village's website provides information related to safety and hazard mitigation including local emergency response contact information, current project information, and links to related ordinances and plans. |

## 6.2. Potential Future Integration

A hazard mitigation plan must explain how the jurisdiction intends to incorporate this Plan update into planning mechanisms over the next five (5) years. The capability assessment presented in Section 4 of this Annex identifies codes, plans, and programs that provide opportunities for integration. **Table 15** outlines planning mechanisms/initiatives that do not currently integrate goals and recommendations of this Plan but provide opportunities to do so in the future.

**Table 15. Potential Future Integration**

| Planning Initiative | Potential Integration Description |
|---|---|
| Comprehensive Plan | The Hazard Mitigation Plan could be incorporated in the next update of the Comprehensive Plan to maintain the community's resilience by integrating strategies for risk reduction into land use, development, and infrastructure planning. Furthermore, hazard mitigation goals could be aligned with the vision of the Comprehensive Plan and hazard risk assessment information could be used to address vulnerabilities. The Comprehensive Plan could also serve as a guide to identify future mitigation actions that can be included in the Hazard Mitigation Plan for potential funding. |
| Ordinances | Hazard mitigation could be integrated into future updates of the zoning, building, and subdivision ordinances to inform appropriate use of property within the Village. Portions of this Hazard Mitigation Plan should be reviewed to consider any future improvements to the codes, if appropriate. |
| Local Budget | The Village could include a line item for mitigation projects/activities into the municipal budget and/or capital improvement budget. |
| Public Outreach | The Village could develop outreach and education programs, and include information on natural hazards and hazard mitigation on the Village's website. *Refer to mitigation action VBV-2.* |

The Village's Local Planning Team will identify all relevant planning initiatives that are scheduled to be updated in the next year and during the annual update process of the Hazard Mitigation Plan. Additionally, opportunities to integrate key elements of the Hazard Mitigation Plan, specifically any relevant strategies, into the planning initiatives will be identified by the Local Planning Team. Mitigation actions were identified to promote plan integration in future revisions of this Plan.

# 7. SIGNIFICANT HAZARD PAST EVENTS

A complete risk assessment, including past incidents, for each identified hazard of concern can be found in **Volume 1** of this Plan. A summary of past events is provided under each hazard profiles and includes a chronology of events that have affected the County and its municipalities. **Table 16** provides information on significant hazard events that uniquely impacted the Village of Marcellus.

**Table 16. Hazard Event History**

| Date | Event Type *(Disaster Declaration, if applicable)* | Description |
|---|---|---|
| July 1, 2017 | Flood | A tropical moisture laden air mass produced numerous showers and thunderstorms which traveled repeatedly over the same areas of the Finger Lakes Region and Upper Mohawk Valley. Widespread flash and urban flooding developed in portions of Cayuga, Onondaga, Madison and Oneida counties. The hardest hit areas were the villages and towns of Moravia, Chittenango, Oneida, and Utica. Total rainfall along a narrow corridor from Moravia to Utica generally ranged from 2.5 to five (5) inches, most of which fell in less than two (2) hours. Total damages from this event range between $10 and $15 Million countywide. The event required overtime by the Village's Department of Public Works to conduct debris cleanup. |
| April 25, 2011 | Severe Weather, Flood (DR-1193) | A slow moving warm front moved northward across central New York late in the afternoon on April 25th producing severe weather in the region. There were reports of severe thunderstorms with strong winds/damaging winds, hail, and tornadoes. Additionally, these storms produced heavy rainfall which caused flash flooding in several locations throughout central New York. The Village sustained minor tree damage. |
| May 26, 2011 | Severe Weather | On May 26th, a deep upper level low pressure system shifted east from the mid-Mississippi Valley region through the afternoon and evening, allowing numerous showers and thunderstorms to develop. Many reports of large hail and damaging winds occurred in central New York. The Village sustained minor tree damage. |

## 8. HAZARD VULNERABILITY AND IMPACT ASSESSMENT

Exposure and vulnerability to certain hazards affect the entire County and others are geographically defined. Although the entire County may be vulnerable to these hazards, their impacts may vary based on existing community conditions (e.g., underserved, or functional access needs populations may be more susceptible based on certain conditions, vulnerabilities, or needs).

**Table 17** outlines the ***unique vulnerabilities and impacts*** for the Village of Marcellus and only addresses the hazards that are relevant and unique to the jurisdiction. A complete risk assessment for each identified hazard of concern is in **Volume 1** of this Plan. Hazard mapping can be found in **Appendix A** of this Annex.

**Table 17. Hazard Vulnerability and Impact Assessment**

| Hazard | Vulnerabilities and Impacts |
|---|---|
| **Drought** | The Local Planning Team determined that the Village does not have unique vulnerabilities and impacts to drought; rather, the jurisdiction's vulnerability and impacts are consistent with those experienced throughout the County. |
| **Earthquake** | The Local Planning Team determined that the Village does not have unique vulnerabilities and impacts to earthquake events; rather, the jurisdiction's vulnerability and impacts are consistent with those experienced throughout the County. |

| Hazard | Vulnerabilities and Impacts |
|---|---|
| **Heat Wave/Extreme Heat** | The Local Planning Team determined that the Village does not have unique vulnerabilities and impacts to heat wave/extreme heat events; rather, the jurisdiction's vulnerability and impacts are consistent with those experienced throughout the County. |
| **Flood** *(riverine, flash/urban, ice jam, dam and levee failure)* | The Local Planning Team determined that the Village does not have unique vulnerabilities and impacts to flooding; rather, the jurisdiction's vulnerability and impacts are consistent with those experienced throughout the County. |
| **Geological Hazards** *(landslides, land subsidence, mudboils)* | The Local Planning Team determined that the Village does not have unique vulnerabilities and impacts to geological hazards; rather, the jurisdiction's vulnerability and impacts are consistent with those experienced throughout the County. |
| **Harmful Algal Bloom** | The Local Planning Team determined that the Village does not have unique vulnerabilities and impacts to harmful algal blooms; rather, the jurisdiction's vulnerability and impacts are consistent with those experienced throughout the County. |
| **Invasive Species and Infestation** *(Emerald Ash Borer, Hemlock Woolly Adelgid, True Armyworm, Common Reed (Phragmites), Eurasian Watermilfoil, Water Chestnut, Tick-Borne Diseases, Mosquito-Borne Diseases)* | The Local Planning Team determined that the Village does not have unique vulnerabilities and impacts to invasive species and infestation; rather, the jurisdiction's vulnerability and impacts are consistent with those experienced throughout the County. |
| **Severe Weather** *(severe thunderstorms – hail, strong winds/damaging winds, tornadoes, hurricane/tropical storm)* | The Local Planning Team determined that the Village does not have unique vulnerabilities and impacts to severe weather; rather, the jurisdiction's vulnerability and impacts are consistent with those experienced throughout the County. |
| **Winter Weather** *(blizzards, heavy snow, ice storms, cold wave/extreme cold, nor'easter)* | The Local Planning Team determined that the Village does not have unique vulnerabilities and impacts to winter weather; rather, the jurisdiction's vulnerability and impacts are consistent with those experienced throughout the County. |
| **Wildfire** *(wildfire smoke)* | The Local Planning Team determined that the Village does not have unique vulnerabilities and impacts to wildfires; rather, the jurisdiction's vulnerability and impacts are consistent with those experienced throughout the County. |

The Village evaluated whether vulnerability in hazard prone areas had increased, decreased, or remained the same for each natural hazard identified in this Hazard Mitigation Plan. Climate change, changes in population, infrastructure expansion, and economic shifts that can affect vulnerability were considered. For example, if planned development is in an identified hazard areas or is not built to the updated building codes, it may increase the community's vulnerability to future hazards and disasters. On the other hand, if development occurred with mitigation practices in place, the vulnerability may have remained the same or decreased. Additionally, shifting demographics (e.g., underserved population) were taken into consideration.

**Table 18** outlines if climate change has increased or decreased the Village's vulnerability (i.e., exposure) and impact to each natural hazard over the past five (5) years, and the effect of climate change in the future probability of occurrence and impacts from each natural hazard.

**Table 18. Climate Change Current and Future Vulnerability and Impact**

| Hazard | Vulnerability and Impact |
|---|---|
| ***Current Vulnerability and Impact*** | |
| Drought | Remained the Same |
| Earthquake | Remained the Same |
| Heat Wave/Extreme Heat | Increased |

| Hazard | Vulnerability and Impact |
|---|---|
| Flood *(riverine, flash/urban, ice jam, dam and levee failure)* | Increased |
| Geological Hazards *(landslides, land subsidence, mudboils)* | Remained the Same |
| Harmful Algal Bloom | Remained the Same |
| Invasive Species and Infestation *(Emerald Ash Borer, Hemlock Woolly Adelgid, True Armyworm, Common Reed (Phragmites), Eurasian Watermilfoil, Water Chestnut, Tick-Borne Diseases, Mosquito-Borne Diseases)* | Increased |
| Severe Weather *(severe thunderstorms – hail, strong winds/damaging winds, tornadoes, hurricane/tropical storm)* | Increased |
| Winter Weather *(blizzards, heavy snow, ice storms, cold wave/extreme cold, nor'easter)* | Increased |
| Wildfire *(wildfire smoke)* | Remained the Same |
| ***Future Vulnerability and Impact*** | |
| Drought | No Change Anticipated |
| Earthquake | No Change Anticipated |
| Heat Wave/Extreme Heat | Increase |
| Flood *(riverine, flash/urban, ice jam, dam and levee failure)* | Increase |
| Geological Hazards *(landslides, land subsidence, mudboils)* | No Change Anticipated |
| Harmful Algal Bloom | Increase |
| Invasive Species and Infestation *(Emerald Ash Borer, Hemlock Woolly Adelgid, True Armyworm, Common Reed (Phragmites), Eurasian Watermilfoil, Water Chestnut, Tick-Borne Diseases, Mosquito-Borne Diseases)* | Increase |
| Severe Weather *(severe thunderstorms – hail, strong winds/damaging winds, tornadoes, hurricane/tropical storm)* | Increase |
| Winter Weather *(blizzards, heavy snow, ice storms, cold wave/extreme cold, nor'easter)* | Increase |
| Wildfire *(wildfire smoke)* | No Change Anticipated |

**Table 19** outlines if changes in population within the Village over the past five (5) years have increased or decreased the vulnerability (i.e., exposure) and impact to these natural hazards, and the anticipated effects changes in population may have on the future probability of occurrence and impacts from these natural hazards.

### Table 19. Changes in Population Current and Future Vulnerability and Impact

| Hazard | Vulnerability and Impact |
|---|---|
| ***Current Vulnerability and Impact*** | |
| Drought | Remained the Same |
| Earthquake | Remained the Same |
| Heat Wave/Extreme Heat | Remained the Same |
| Flood *(riverine, flash/urban, ice jam, dam and levee failure)* | Remained the Same |
| Geological Hazards *(landslides, land subsidence, mudboils)* | Remained the Same |
| Harmful Algal Bloom | Remained the Same |
| Invasive Species and Infestation *(Emerald Ash Borer, Hemlock Woolly Adelgid, True Armyworm, Common Reed (Phragmites), Eurasian Watermilfoil, Water Chestnut, Tick-Borne Diseases, Mosquito-Borne Diseases)* | Remained the Same |
| Severe Weather *(severe thunderstorms – hail, strong winds/damaging winds, tornadoes, hurricane/tropical storm)* | Remained the Same |

| Hazard | Vulnerability and Impact |
|---|---|
| Winter Weather *(blizzards, heavy snow, ice storms, cold wave/extreme cold, nor'easter)* | Remained the Same |
| Wildfire *(wildfire smoke)* | Remained the Same |
| ***Future Vulnerability and Impact*** | |
| Drought | No Change Anticipated |
| Earthquake | No Change Anticipated |
| Heat Wave/Extreme Heat | No Change Anticipated |
| Flood *(riverine, flash/urban, ice jam, dam and levee failure)* | No Change Anticipated |
| Geological Hazards *(landslides, land subsidence, mudboils)* | No Change Anticipated |
| Harmful Algal Bloom | No Change Anticipated |
| Invasive Species and Infestation *(Emerald Ash Borer, Hemlock Woolly Adelgid, True Armyworm, Common Reed (Phragmites), Eurasian Watermilfoil, Water Chestnut, Tick-Borne Diseases, Mosquito-Borne Diseases)* | No Change Anticipated |
| Severe Weather *(severe thunderstorms – hail, strong winds/damaging winds, tornadoes, hurricane/tropical storm)* | No Change Anticipated |
| Winter Weather *(blizzards, heavy snow, ice storms, cold wave/extreme cold, nor'easter)* | No Change Anticipated |
| Wildfire *(wildfire smoke)* | No Change Anticipated |

**Table 20** outlines if development over the past five (5) years has increased or decreased the Village's vulnerability (i.e., exposure) and impact to these natural hazards, and the anticipated effects changes in development may have on the future probability of occurrence and impacts from these natural hazards.

### Table 20. Changes in Development Current and Future Vulnerability and Impact

| Hazard | Vulnerability and Impact |
|---|---|
| ***Current Vulnerability and Impact*** | |
| Drought | Remained the Same |
| Earthquake | Remained the Same |
| Heat Wave/Extreme Heat | Remained the Same |
| Flood *(riverine, flash/urban, ice jam, dam and levee failure)* | Remained the Same |
| Geological Hazards *(landslides, land subsidence, mudboils)* | Remained the Same |
| Harmful Algal Bloom | Remained the Same |
| Invasive Species and Infestation *(Emerald Ash Borer, Hemlock Woolly Adelgid, True Armyworm, Common Reed (Phragmites), Eurasian Watermilfoil, Water Chestnut, Tick-Borne Diseases, Mosquito-Borne Diseases)* | Remained the Same |
| Severe Weather *(severe thunderstorms – hail, strong winds/damaging winds, tornadoes, hurricane/tropical storm)* | Remained the Same |
| Winter Weather *(blizzards, heavy snow, ice storms, cold wave/extreme cold, nor'easter)* | Remained the Same |
| Wildfire *(wildfire smoke)* | Remained the Same |
| ***Future Vulnerability and Impact*** | |
| Drought | No Change Anticipated |
| Earthquake | No Change Anticipated |
| Heat Wave/Extreme Heat | No Change Anticipated |
| Flood *(riverine, flash/urban, ice jam, dam and levee failure)* | No Change Anticipated |

| Hazard | Vulnerability and Impact |
|---|---|
| Geological Hazards *(landslides, land subsidence, mudboils)* | No Change Anticipated |
| Harmful Algal Bloom | No Change Anticipated |
| Invasive Species and Infestation *(Emerald Ash Borer, Hemlock Woolly Adelgid, True Armyworm, Common Reed (Phragmites), Eurasian Watermilfoil, Water Chestnut, Tick-Borne Diseases, Mosquito-Borne Diseases)* | No Change Anticipated |
| Severe Weather *(severe thunderstorms – hail, strong winds/damaging winds, tornadoes, hurricane/tropical storm)* | No Change Anticipated |
| Winter Weather *(blizzards, heavy snow, ice storms, cold wave/extreme cold, nor'easter)* | No Change Anticipated |
| Wildfire *(wildfire smoke)* | No Change Anticipated |

## 8.1. Future Major Assets

Community assets should include anything that is important to the character and function of a community. Assets include people (i.e., underserved population); structures (i.e., new and existing buildings); community lifelines and other critical facilities; natural, historic, and cultural resources; and the economy and other activities that have value to the community. The Village of Marcellus does not anticipate future major assets may be exposed or vulnerable to any of the natural hazards identified in this Hazard Mitigation Plan. However, any new assets (e.g., new construction in hazard prone areas) will be constructed to adhere to the latest building codes and standards, and mitigation to protect them from identified and anticipated hazards, especially those that are expected to increase due to climate change.

# 9. CRITICAL FACILITIES FLOOD RISK

New York State Department of Environmental Conservation (NYSDEC) Title 6, Chapter V, Subchapter A, Part 502 sets forth local floodplain management criteria for State projects located within flood hazard areas. The law states that no such projects related to critical facilities shall be undertaken in a Special Flood Hazard Area (SFHA) unless built according to certain mitigation specifications, including being raised two (2) feet above the Base Flood Elevation (BFE).[8] While all vulnerabilities should be assessed and documented, the State places a high priority on exposure to flooding.

Jurisdictions must identify all critical facilities, assess their vulnerabilities, and evaluate and ensure they are protected to a 0.2% chance (500-year) flood event. Critical facilities that are located in an SFHA and/or have been previously flooded, must be protected against a repeat of that flood or to the 0.2% chance flood event, which ever provides the greater protection. The Plan must document those critical facilities are protected to a 0.2% flood event, or previous worst case flood event. For those that do not meet this level of protection, the Plan must include a mitigation action to meet or go beyond this criterion or explain why it is not feasible to do so.[9]

**Table 21** identifies critical facilities in the community located in the 100-year and 500-year floodplain.

[8] New York State Department of Environmental Conservation. (n.d.). Chapter V – Resource Management Services. Retrieved from https://dec.ny.gov/regulatory/regulations/chapter-v.
[9] New York State Division of Homeland Security and Emergency Services. (2022). 2022 New York State Hazard Mitigation Planning Standards. Retrieved from https://www.dhses.ny.gov/system/files/documents/2023/11/2022-nys-mitigation-planning-standards-final.pdf

**Table 21. Potential Flood Losses to Critical Facilities**

| Name | Type | Exposure | | Potential Loss from 100-Year Flood Event | | Addressed by Proposed Action |
|---|---|---|---|---|---|---|
| | | *100-Year* | *500-Year* | *Percent of Structure Damage* | *Percent of Content Damage* | |
| None identified. | | | | | | |

## 10. HAZARD RISK RANKING

**Table 22** presents the local hazard ranking for the Village of Marcellus of all hazards of concern listed in **Volume 1** of this Plan. This ranking summarizes how hazards vary for this jurisdiction. As thoroughly described in **Volume 1** of this Plan, the ranking process involves an assessment of the likelihood of occurrence for each hazard, along with its potential impacts on people, property, and the economy. For further details on how the probability, extent, vulnerability, and impact factors in **Table 22** were calculated, please refer to Section 4.3 in **Volume 1** of this Plan.

It is important to note that the sub hazards for severe weather (i.e., strong winds/damaging winds, severe thunderstorms, tropical storm/hurricane, hail, and tornado), geological hazards (i.e., landslide, land subsidence, and mudboils), flood (i.e., riverine/creek flooding and ice jam, and urban/flash flooding), and winter weather (i.e., blizzards, lake effect snow, nor'easter, and ice storm, and cold wave/extreme cold) were individually ranked in the hazard risk ranking; however, severe weather, geological hazards, flood, and winter weather are each considered as the main hazard throughout this Annex and **Volume 1**.

**Table 22. Village of Marcellus Hazard Risk Ranking**

| Hazard Event | Probability Factor | Sum of Weighted Extent Factors | Sum of Weighted Vulnerability Factors | Sum of Weighted Impact Factors | Consequence Score | Total Risk Score *(Probability x Consequence)* |
|---|---|---|---|---|---|---|
| Flood (Urban/Flash Flood) | 3 | 12 | 11 | 29 | 52 | 73 |
| Winter Weather (Blizzards, Lake Effect Snow, Nor'easter, Ice Storm) | 3 | 12 | 14 | 21 | 47 | 67 |
| Severe Thunderstorm *(Severe Weather)* | 3 | 12 | 16 | 14 | 42 | 61 |
| Strong Winds/ Damaging Winds *(Severe Weather)* | 3 | 12 | 11 | 16 | 39 | 57 |
| Cold Wave/Extreme Cold *(Winter Weather)* | 2 | 12 | 14 | 21 | 47 | 48 |
| Heat Wave/Extreme Heat | 2 | 9 | 11 | 19 | 39 | 41 |
| Drought | 2 | 12 | 12 | 13 | 37 | 39 |
| Land Subsidence *(Geological Hazards)* | 2 | 9 | 16 | 12 | 37 | 39 |
| Invasive Species and Infestation | 2 | 9 | 6 | 18 | 33 | 35 |

| Hazard Event | Probability Factor | Sum of Weighted Extent Factors | Sum of Weighted Vulnerability Factors | Sum of Weighted Impact Factors | Consequence Score | Total Risk Score *(Probability x Consequence)* |
|---|---|---|---|---|---|---|
| Tropical Storm/ Hurricane *(Severe Weather)* | 1 | 9 | 16 | 24 | 49 | 27 |
| Flood (Riverine/Creek, Ice Jam) | 1 | 12 | 6 | 29 | 47 | 26 |
| Dam and Levee Failure *(Flood)* | 1 | 12 | 6 | 27 | 45 | 25 |
| Harmful Algal Bloom | 1 | 9 | 10 | 20 | 39 | 23 |
| Hail *(Severe Weather)* | 1 | 6 | 16 | 14 | 36 | 21 |
| Earthquake | 1 | 6 | 16 | 12 | 34 | 20 |
| Tornado *(Severe Weather)* | 1 | 6 | 6 | 22 | 34 | 20 |
| Landslide *(Geological Hazards)* | 1 | 3 | 6 | 12 | 21 | 13 |
| Mudboils *(Geological Hazards)* | 1 | 3 | 6 | 12 | 21 | 13 |
| Wildfire (Wildfire Smoke) | 1 | 3 | 6 | 11 | 20 | 13 |

***Consequence:*** *Sum of all weighted factors.*
***Extent:*** *Sum of the weighted Extent factors.*
***Vulnerability:*** *Sum of the weighted Vulnerability factors.*
***Impact:*** *Sum of the weighted Impact factors.*
***Total Risk Score**** *= Probability x Consequence*
** Normalized to 100*

**Total Risk Score Legend**

| Classification | Probability Factor | Extent | Vulnerability | Impact | Consequence Score | Total Risk Score |
|---|---|---|---|---|---|---|
| Low (L) | 1 | 0 – 6 | 0 – 6 | 0 – 12 | 0 – 24 | 0 – 24 |
| Medium (M) | 2 | 7 – 12 | 7 – 12 | 13 – 26 | 25 – 50 | 25 – 52 |
| High (H) | 3 | 13 – 18 | 13 – 18 | 27 – 39 | 51 – 75 | 53 and above |

*The **legend**—specifically the assignment of low, medium, and high—provides an additional means to qualitatively assess the probability factor, sum of weighted factors, and the total risk scores for each hazard. The **Consequence Score** represents the sum of the Extent, Vulnerability, and Impact Factors. The **Total Risk Score** is a measure of Probability and Consequence.*

# 11. MITIGATION ACTIONS

This section includes the mitigation actions that were developed to address identified risks and vulnerabilities to hazards identified in this Plan. This Plan serves only to recommend mitigation measures based on the potential for risk reduction and available funding. Implementation of mitigation actions is dependent on risk reduction priorities, feasibility, and available funding. It is also dependent on the cooperation and support of the jurisdiction and/or department responsible for each action item. Additionally, all mitigation actions identified in the 2019 update or before were updated accordingly. Any new mitigation actions are listed as *New* (under Project Status).

The Village of Marcellus agreed upon **nine (9)** mitigation actions that apply to the jurisdiction's properties where they have jurisdictional responsibility and authority. Three (3) mitigation actions were completed. A summary of the Village's mitigation actions status is listed in **Table 23**.

**Table 23. Village of Marcellus Mitigation Action Summary**

| Status | Mitigation Action Total |
|---|---|
| Continuous | 2 |
| In Progress/Not Yet Completed | 2 |
| No Progress/Unknown | 0 |
| New | 5 |
| **TOTAL** | **9** |
| Complete | 3 |
| Discontinued | 0 |

| Mitigation Actions per Hazard | | | |
|---|---|---|---|
| Drought | 5 | Harmful Algal Bloom | 5 |
| Earthquake | 5 | Invasive Species and Infestation *(Emerald Ash Borer, Hemlock Woolly Adelgid, True Armyworm, Common Reed (Phragmites), Eurasian Watermilfoil, Water Chestnut, Tick-Borne Diseases, Mosquito-Borne Diseases)* | 5 |
| Heat Wave/Extreme Heat | 5 | Severe Weather *(severe thunderstorms – hail, strong winds/damaging winds, tornadoes, hurricane/tropical storm, nor'easter)* | 8 |
| Flood *(riverine, flash/urban, ice jam, dam and levee failure)* | 8 | Winter Weather *(blizzards, heavy snow, ice storms, cold wave/extreme cold)* | 7 |
| Geological Hazards *(landslides, land subsidence, mudboils)* | 5 | Wildfire *(wildfire smoke)* | 5 |

A detailed explanation of the Mitigation Strategy can be found in Section 5 of **Volume 1**.

| | | | | | |
|---|---|---|---|---|---|
| **Mitigation Action** | Conduct drainage improvements on Highland Drive to alleviate flooding. Improvements include, but are not limited to, the following:<br>• Deepen the ditches in Village rights of way.<br>• Install retention ponds.<br>• Create swales above Highland Drive.<br>• Remove and install properly sized stormwater pipes.<br>• Dredge ponds.<br>• Create drainage districts in watershed. | | | | |
| **Action Number** | VMR-1 | **Goal(s) Addressed** | 1, 4 | **Prioritization Score** | N/A |
| **Year Added to Plan** | 2013 | **Timeline** *(estimated)* | N/A | **Implementation Priority** | N/A |
| **Hazard(s) Mitigated** | Flood, Severe Weather | | | | |
| **Project Status** | Complete | If *Discontinued*, provide reason. | N/A | | |
| **Benefits** *(Loss Avoided)* | N/A | | | | |
| **Lead Agency / Organization** | Village of Marcellus Department of Public Works | **Supporting Agency / Organization** *(If applicable)* | N/A | | |
| **Additional Participating Jurisdictions** *(If applicable)* | N/A | | | | |
| **Estimated Cost** | N/A | **Potential Funding Source** | N/A | | |
| **Critical Facility** *(Critical Facility located in 1% floodplain?)* | N/A | **Additional Details** *(optional)* | The Village hired an engineering firm to conduct a drainage study of the areas. This mitigation action was based on recommendations from this study. | | |

| | | | | | |
|---|---|---|---|---|---|
| **Mitigation Action** | Inventory all the trees on Village property and street rights of way. This inventory should include a rating of the condition of all trees and a list of hazardous conditions. *Refer to mitigation action VMR-3.* | | | | |
| **Action Number** | VMR-2 | **Goal(s) Addressed** | 1, 3, 4 | **Prioritization Score** | N/A |
| **Year Added to Plan** | 2013 | **Timeline** *(estimated)* | N/A | **Implementation Priority** | N/A |
| **Hazard(s) Mitigated** | Severe Weather, Winter Weather | | | | |
| **Project Status** | Complete | If *Discontinued*, provide reason. | N/A | | |
| **Benefits** *(Loss Avoided)* | N/A | | | | |
| **Lead Agency / Organization** | Village of Marcellus Department of Public Works | **Supporting Agency / Organization** *(If applicable)* | N/A | | |
| **Additional Participating Jurisdictions** *(If applicable)* | N/A | | | | |
| **Estimated Cost** | N/A | **Potential Funding Source** | N/A | | |
| **Critical Facility** *(Critical Facility located in 1% floodplain?)* | N/A | **Additional Details** *(optional)* | | | |

| | | | | | |
|---|---|---|---|---|---|
| **Mitigation Action** | Enhance Village's tree trimming and removal program based on the tree inventory that was conducted on the Village's property and street rights of way. *Refer to mitigation action VMR-2.* The trees identified as high priority will be prioritized and new trees will be planted in the areas where trees were removed. | | | | |
| **Action Number** | VMR-3 | **Goal(s) Addressed** | 1, 3, 4 | **Prioritization Score** | 12/15 |
| **Year Added to Plan** | 2013 | **Timeline** *(estimated)* | Ongoing | **Implementation Priority** | High |
| **Hazard(s) Mitigated** | Severe Weather, Winter Weather | | | | |
| **Project Status** | Continuous | If *Discontinued*, provide reason. | N/A | | |
| **Benefits** *(Loss Avoided)* | High | | | | |
| **Lead Agency / Organization** | Village of Marcellus Department of Public Works | **Supporting Agency / Organization** *(If applicable)* | N/A | | |
| **Additional Participating Jurisdictions** *(If applicable)* | N/A | | | | |
| **Estimated Cost** | Low | **Potential Funding Source** | General Fund (Staff Time), New York State Department of Environmental Conservation Environmental Protection Fund | | |
| **Critical Facility** *(Critical Facility located in 1% floodplain?)* | No | **Additional Details** *(optional)* | | | |

| | | | | | |
|---|---|---|---|---|---|
| **Mitigation Action** | Conduct stormwater drainage improvements by upsizing culverts to reduce debris accumulation and alleviate stormwater flooding. Improvements are required in the following areas – Coon's Pond, Flower Lane, Seneca Turnpike, Reed Street, West Main Street, Kelly Avenue, Meadow Street, First Street, Second Street, and Limeledge Road. | | | | |
| **Action Number** | VMR-4 | **Goal(s) Addressed** | 1, 4 | **Prioritization Score** | 12/15 |
| **Year Added to Plan** | 2019 | **Timeline** *(estimated)* | 1 to 2 Years | **Implementation Priority** | High |
| **Hazard(s) Mitigated** | Flood, Severe Weather | | | | |
| **Project Status** | In Progress/Not Yet Completed | If *Discontinued*, provide reason. | N/A | | |
| **Benefits** *(Loss Avoided)* | High | | | | |
| **Lead Agency / Organization** | Village of Marcellus Department of Public Works | **Supporting Agency / Organization** *(If applicable)* | N/A | | |
| **Additional Participating Jurisdictions** *(If applicable)* | N/A | | | | |
| **Estimated Cost** | High | **Potential Funding Source** | General Fund (Staff Time), BRIDGE NY, HMGP, FMA, BRIC | | |
| **Critical Facility** *(Critical Facility located in 1% floodplain?)* | No | **Additional Details** *(optional)* | | | |

| | | | | | |
|---|---|---|---|---|---|
| **Mitigation Action** | Acquire and install standby (backup) power (i.e., emergency generator) for the Village Hall which holds the Village's departments and police station. The Village's facility does not have backup power to operate in the event of a power outage during an emergency. In the event of an emergency, the Village Hall must remain operational to take calls, dispatch police and emergency personnel, and serve as an emergency shelter for residents in need. | | | | |
| **Action Number** | VMR-5 | **Goal(s) Addressed** | 1, 3, 6 | **Prioritization Score** | 10/15 |
| **Year Added to Plan** | 2019 | **Timeline** *(estimated)* | 1 to 2 Years | **Implementation Priority** | High |
| **Hazard(s) Mitigated** | Drought, Earthquake, Heat Wave/Extreme Heat, Flood, Geological Hazards, Harmful Algal Bloom, Invasive Species and Infestation, Severe Weather, Winter Weather, Wildfire | | | | |
| **Project Status** | In Progress/Not Yet Completed | If *Discontinued*, provide reason. | N/A | | |
| **Benefits** *(Loss Avoided)* | High | | | | |
| **Lead Agency / Organization** | Village of Marcellus Board of Trustees | **Supporting Agency / Organization** *(If applicable)* | N/A | | |
| **Additional Participating Jurisdictions** *(If applicable)* | N/A | | | | |
| **Estimated Cost** | Medium | **Potential Funding Source** | General Fund (Staff Time), HMGP | | |
| **Critical Facility** *(Critical Facility located in 1% floodplain?)* | Yes | **Additional Details** *(optional)* | Important to note that although the Village Hall is a critical facility, it is not located in a SFHA; therefore, it is not listed in Section 9 of this Annex. | | |

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| **Mitigation Action** | Acquire and install standby (backup) power (i.e., emergency generator) for the Village's Department of Public Works garage. The facility does not have backup power to operate in the event of a power outage during an emergency. If the facility loses power, the Department will not be able to fuel emergency vehicles which will limit the Department's ability to provide services such as clearing debris and snow. | | | | |
| **Action Number** | VMR-6 | **Goal(s) Addressed** | 1, 3, 6 | **Prioritization Score** | N/A |
| **Year Added to Plan** | 2019 | **Timeline** *(estimated)* | N/A | **Implementation Priority** | N/A |
| **Hazard(s) Mitigated** | Drought, Earthquake, Heat Wave/Extreme Heat, Flood, Geological Hazards, Harmful Algal Bloom, Invasive Species and Infestation, Severe Weather, Winter Weather, Wildfire | | | | |
| **Project Status** | Complete | If *Discontinued*, provide reason. | N/A | | |
| **Benefits** *(Loss Avoided)* | N/A | | | | |
| **Lead Agency / Organization** | Village of Marcellus Department of Public Works | **Supporting Agency / Organization** *(If applicable)* | N/A | | |
| **Additional Participating Jurisdictions** *(If applicable)* | N/A | | | | |
| **Estimated Cost** | N/A | **Potential Funding Source** | N/A | | |
| **Critical Facility** *(Critical Facility located in 1% floodplain?)* | N/A | **Additional Details** *(optional)* | | | |

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| **Mitigation Action** | Remove downed trees from Nine Mile Creek and continue to ensure the Creek remains clear to prevent log jams and reduce the vulnerability to flooding. | | | | |
| **Action Number** | VMR-7 | **Goal(s) Addressed** | 1, 3, 4 | **Prioritization Score** | 12/15 |
| **Year Added to Plan** | 2019 | **Timeline** *(estimated)* | Ongoing | **Implementation Priority** | High |
| **Hazard(s) Mitigated** | Flood, Severe Weather, Winter Weather | | | | |
| **Project Status** | Continuous | If *Discontinued*, provide reason. | N/A | | |
| **Benefits** *(Loss Avoided)* | High | | | | |
| **Lead Agency / Organization** | Village of Marcellus Department of Public Works | **Supporting Agency / Organization** *(If applicable)* | N/A | | |
| **Additional Participating Jurisdictions** *(If applicable)* | N/A | | | | |
| **Estimated Cost** | Medium | **Potential Funding Source** | General Fund (Staff Time) | | |
| **Critical Facility** *(Critical Facility located in 1% floodplain?)* | No | **Additional Details** *(optional)* | | | |

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| **Mitigation Action** | Conduct and facilitate community and public education and outreach for residents and businesses to include, but not be limited to, the following to promote and effect natural hazard risk reduction:<br>• Provide and maintain links to the Onondaga County Hazard Mitigation Plan website, and regularly post notices on the municipal homepage referencing the Onondaga County Hazard Mitigation Plan webpages.<br>• Prepare and distribute informational letters to flood vulnerable property owners and neighborhood associations, explaining the availability of mitigation grant funding to mitigate their properties, and instructing them on how they can learn more and implement mitigation.<br>• Use the Town's e-mail notification systems and newsletters to better educate the public on flood insurance, the availability of mitigation grant funding, and personal natural hazard risk reduction measures.<br>• Work with neighborhood associations, civic and business groups to disseminate information on flood insurance and the availability of mitigation grant funding. | | | | |
| **Action Number** | VMR-8 | **Goal(s) Addressed** | 1, 2, 3, 4, 5, 6 | **Prioritization Score** | 15/15 |
| **Year Added to Plan** | 2025 | **Timeline** *(estimated)* | Ongoing | **Implementation Priority** | High |
| **Hazard(s) Mitigated** | Drought, Earthquake, Heat Wave/Extreme Heat, Flood, Geological Hazards, Harmful Algal Bloom, Invasive Species and Infestation, Severe Weather, Winter Weather, Wildfire | | | | |
| **Project Status** | New | If *Discontinued*, provide reason. | N/A | | |
| **Benefits** *(Loss Avoided)* | Low | | | | |
| **Lead Agency / Organization** | Village of Marcellus Board of Trustees, Village of Marcellus Code Enforcement Office | **Supporting Agency / Organization** *(If applicable)* | Onondaga County Department of Planning | | |
| **Additional Participating Jurisdictions** *(If applicable)* | N/A | | | | |
| **Estimated Cost** | Low | **Potential Funding Source** | General Fund (Staff Time) | | |
| **Critical Facility** *(Critical Facility located in 1% floodplain?)* | No | **Additional Details** *(optional)* | | | |

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| **Mitigation Action** | Actively support and participate in the implementation, monitoring, maintenance, and updating of this Hazard Mitigation Plan, as outlined, and defined in Volume 1. | | | | |
| **Action Number** | VMR-9 | **Goal(s) Addressed** | 1, 2, 3, 4, 5, 6 | **Prioritization Score** | 15/15 |
| **Year Added to Plan** | 2025 | **Timeline** *(estimated)* | Ongoing | **Implementation Priority** | High |
| **Hazard(s) Mitigated** | Drought, Earthquake, Heat Wave/Extreme Heat, Flood, Geological Hazards, Harmful Algal Bloom, Invasive Species and Infestation, Severe Weather, Winter Weather, Wildfire | | | | |
| **Project Status** | New | If *Discontinued*, provide reason. | N/A | | |
| **Benefits** *(Loss Avoided)* | High | | | | |
| **Lead Agency / Organization** | Village of Marcellus Board of Trustees, Village of Marcellus Code Enforcement Office | **Supporting Agency / Organization** *(If applicable)* | N/A | | |
| **Additional Participating Jurisdictions** *(If applicable)* | N/A | | | | |
| **Estimated Cost** | Low | **Potential Funding Source** | General Fund (Staff Time) | | |
| **Critical Facility** *(Critical Facility located in 1% floodplain?)* | No | **Additional Details** *(optional)* | | | |

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| **Mitigation Action** | Continue to maintain good standing and compliance under the National Flood Insurance Program (NFIP) through implementation and enforcement of floodplain management requirements that, at a minimum, meet the NFIP requirements. These include:<br>• Enforce the flood damage prevention ordinance (e.g., regulating all new and substantially improved construction in Special Hazard Flood Areas).<br>• Participate in floodplain identification and mapping updates.<br>• Provide public assistance/outreach on floodplain requirements and impacts. | | | | |
| **Action Number** | VMR-10 | **Goal(s) Addressed** | 1, 2, 3, 4, 5, 6 | **Prioritization Score** | 15/15 |
| **Year Added to Plan** | 2025 | **Timeline** *(estimated)* | Ongoing | **Implementation Priority** | High |
| **Hazard(s) Mitigated** | Flood, Severe Weather | | | | |
| **Project Status** | New | If *Discontinued*, provide reason. | N/A | | |
| **Benefits** *(Loss Avoided)* | Medium | | | | |
| **Lead Agency / Organization** | Village of Marcellus Code Enforcement Office (Floodplain Administrator) | **Supporting Agency / Organization** *(If applicable)* | N/A | | |
| **Additional Participating Jurisdictions** *(If applicable)* | N/A | | | | |
| **Estimated Cost** | Low | **Potential Funding Source** | General Fund (Staff Time) | | |
| **Critical Facility** *(Critical Facility located in 1% floodplain?)* | No | **Additional Details** *(optional)* | | | |

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| **Mitigation Action** | Develop, enhance, and implement existing Village emergency plans. | | | | |
| **Action Number** | VMR-11 | **Goal(s) Addressed** | 1, 6 | **Prioritization Score** | 15/15 |
| **Year Added to Plan** | 2025 | **Timeline** *(estimated)* | Ongoing | **Implementation Priority** | High |
| **Hazard(s) Mitigated** | Drought, Earthquake, Heat Wave/Extreme Heat, Flood, Geological Hazards, Harmful Algal Bloom, Invasive Species and Infestation, Severe Weather, Winter Weather, Wildfire | | | | |
| **Project Status** | New | If *Discontinued*, provide reason. | N/A | | |
| **Benefits** *(Loss Avoided)* | High | | | | |
| **Lead Agency / Organization** | Village of Marcellus Board of Trustees | **Supporting Agency / Organization** *(If applicable)* | N/A | | |
| **Additional Participating Jurisdictions** *(If applicable)* | N/A | | | | |
| **Estimated Cost** | Low | **Potential Funding Source** | General Fund (Staff Time) | | |
| **Critical Facility** *(Critical Facility located in 1% floodplain?)* | No | **Additional Details** *(optional)* | | | |

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| **Mitigation Action** | Develop, enhance, and maintain mutual aid agreements with surrounding municipalities and counties. | | | | |
| **Action Number** | VMR-12 | **Goal(s) Addressed** | 1, 5, 6 | **Prioritization Score** | 15/15 |
| **Year Added to Plan** | 2025 | **Timeline** *(estimated)* | Ongoing | **Implementation Priority** | High |
| **Hazard(s) Mitigated** | Drought, Earthquake, Heat Wave/Extreme Heat, Flood, Geological Hazards, Harmful Algal Bloom, Invasive Species and Infestation, Severe Weather, Winter Weather, Wildfire | | | | |
| **Project Status** | New | If *Discontinued*, provide reason. | N/A | | |
| **Benefits** *(Loss Avoided)* | High | | | | |
| **Lead Agency / Organization** | Village of Marcellus Board of Trustees | **Supporting Agency / Organization** *(If applicable)* | N/A | | |
| **Additional Participating Jurisdictions** *(If applicable)* | N/A | | | | |
| **Estimated Cost** | Low | **Potential Funding Source** | General Fund (Staff Time) | | |
| **Critical Facility** *(Critical Facility located in 1% floodplain?)* | No | **Additional Details** *(optional)* | | | |

# APPENDIX A. HAZARD MAPS

Hazard maps have been generated for the Village of Marcellus – [enter hazards here]. These maps are based on the best available data at the time of the preparation of this Plan and are considered to be adequate for planning purposes. Maps have only been generated for those hazards that can be clearly identified using mapping techniques and technologies, and for which the Village of Marcellus has significant vulnerability.

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|---|---|
| **Figure #** | [Enter map name and description, if applicable] |
| **Figure #** | [Enter map name and description, if applicable] |
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# APPENDIX B. LETTER OF INTENT

**Statement of Intent to Participate in the**
**2024 Onondaga County Multi-Jurisdictional Hazard Mitigation Plan**

The purpose of this letter is to establish commitment from, and a cooperative working relationship between, all participating jurisdictions in the development and implementation of the 2024 Onondaga County Multi-Jurisdictional Hazard Mitigation Plan (HMP). In addition, the intent of this form is to ensure that the Plan update is developed in accordance with Title 44 of the Federal Code of Regulations Part 201.6; that the planning process is conducted in an open manner involving community stakeholders; that it is consistent with each participating jurisdiction's policies, programs, and authorities; and that it is an accurate reflection of the community's values.

To meet this requirement and to help reduce the loss of life and damage to property in the event of a natural disaster, our municipality intends to participate in a federally funded grant initiative to update the 2024 Onondaga County Multi-Jurisdictional Hazard Mitigation Plan.

We understand that the planning process will include a limited number of meetings and/or calls between Planning Team representatives and representatives from participating municipalities and agencies. The subject of the meeting(s) will be to:

- Inform participants on the needs and methods for identifying and prioritizing hazards;
- Share information on hazards affecting local jurisdictions;
- Provide information related to local assets, plans/ordinances, hazard events and damages, new development, etc. within the jurisdiction; and
- Determine possible projects to reduce the impact of future incidents involving hazards which are prerequisites to municipalities later applying for hazard mitigation grant funds.

We recognize the importance of having an updated multi-jurisdictional hazard mitigation plan to help safeguard the lives and property of our citizens and commit to participating in this process with Onondaga County.

**Name of Jurisdiction**: Village of Marcellus

**Name of Authorized Representative:**
Chad Clark, Mayor

**Signature of Authorized Representative:**

**Primary Point-of-Contact (POC):**

**Name:** Chad Clark
**Title:** Mayor
**Department:** Executive
**Phone Number:** 315-673-3112 Ext 1
**Email:** mayor@villageofmarcellus.com

**Secondary Point-of-Contact (POC):**

**Name:** Charnley Abbott
**Title:** Village Clerk
**Department:**
**Phone Number:** 315-673-3112 Ext 1
**Email:** clerk@villageofmarcellus.com

Please return this form to jefferyharrop@ongov.net, or mail to the Onondaga County Dept. of Planning, 335 Montgomery St, Syracuse, NY 13202. Questions, call Jeff at (315)435-2673.

# APPENDIX C. PLAN ADOPTION

*[Placeholder for adoption documentation after State and FEMA Approval]*