9.19 TOWN OF NORTH DANSVILLE

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

9.19.1 Hazard Mitigation Planning Team

The following individuals have been identified as the Town of North Dansville's hazard mitigation plan primary and alternate points of contact. The Town of North Dansville followed the planning process described in Section 3 (Planning Process) in Volume I of this plan update. This annex was developed over the course of several months with input from many Town departments, including the Supervisor, Code Enforcement, and Town Clerk/Tax Collector. The Supervisor represented the community on the Livingston County Hazard Mitigation Plan Planning Partnership, Steering Committee, 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 Town of North Dansville's planning process through Planning Partnership meetings is included in Section 3 (Planning Process) and Appendix C (Meeting Documentation).

Table 9.19-1. Hazard Mitigation Planning Team

Primary Point of Contact	Alternate Point of Contact
Name/Title: Dennis Mahus, Town Supervisor Address: 14 Clara Barton St., Dansville, NY 14437 Phone Number: 585-335-2330 Email: supervisor@northdansville.org	Name/Title: Tim Wolfanger, Town Clerk Address: 14 Clara Barton St., Dansville, NY 14437 Phone Number: 585-335-2330 Email: clerk@northdansville.org
NFIP Floodplain Administrator	
Name/Title: Tammy Sylor, Code Enforcement Address: 14 Clara Barton St., Dansville, NY 14437 Phone Number: 585-335-2330 Email:tammysylor@yahoo.com	
Additional Contributors	
None	

9.19.2 Municipal Profile

According to the U.S. Census Bureau, the Town has a total land area of 9.8 square miles, and shares a border with the Town's of Dansville, Ossian, Sparta, Springwater, Wayland, West Sparta, and shares a border with the County of Steuben. According to the U.S. Census, the 2019 population for the Town of North Dansville was 888, a 8.48 percent increase from the 2010 Census. Data from the 2019 U.S. Census American Community Survey indicate that 5.0 percent of the population is 5 years of age or younger and 16.8 percent is 65 years of age or older. Communities must deploy a support system that enables all populations to safely reach shelters or to quickly evacuate a hazard area.

9.19.3 Jurisdictional Capability Assessment and Integration

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

- An assessment of planning, 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 this planning effort, planning/policy documents were reviewed, and each jurisdiction was surveyed to obtain a better understanding of their progress in plan integration and how risk reduction is supported. Areas with current mitigation integration are summarized in this jurisdictional Capability Assessment (Section 9.19.3). The Town of North Dansville's identified opportunities for integration of mitigation concepts to be incorporated into municipal procedures are included in the updated mitigation strategy.

Planning, Legal, and Regulatory Capability

The table below summarizes the regulatory tools that are available to the Town of North Dansville. Section 5 (Capability Assessment) provides an overview of the planning, legal and regulatory capabilities. The following table summarizes what is present in the jurisdiction and discusses if the mechanisms have been or could be leveraged to reduce risk.

Table 9.19-2. Planning, Legal, and Regulatory Capability

	Jurisdiction has this? (Yes/No)	Required by State? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
Codes, Ordinances, & Regulations					
Building Code	Yes	Yes	Local Law 3 of 2006	State and Local	CEO
How does this reduce risk?					
Zoning/Land Use Code	Yes	No	Local Law 1 of 2019	Local	ZEO
How does this reduce risk?					
Subdivision Ordinance	Yes	No	Local Law 1 of 2019	Local	Code/Planning
How does this reduce risk?					
Site Plan Ordinance	Yes	No	Local Law 1 of 2019	Local and County	ZEO
How does this reduce risk? Checks project compliance prior starting construction.					
Stormwater Management Ordinance	Yes	Yes	Unavailable	Local	Unavailable
How does this reduce risk?					
Post-Disaster Recovery/ Reconstruction Ordinance	No	No			
How does this reduce risk?					

	Jurisdiction has this? (Yes/No)	Required by State? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
Real Estate Disclosure	Yes	Yes	Property Condition Disclosure Act, NY Code - Article 14 §460-467	State	NYS Department of State, Real Estate Agent
How does this reduce risk? In addition to facing potential liability for failing to disclose under the exceptions to "caveat emptor," a home seller must make certain disclosures under the law or pay a credit of $500 to the buyer at closing. While the PCDA requires a seller to complete a standardized disclosure statement and deliver it to the buyer before the buyer signs the final purchase contract, in practice, most home sellers in New York opt not to complete the statement and instead pay the credit.					
Growth Management	No	No		Local	
How does this reduce risk?					
Environmental Protection Ordinance	No	Yes		Local	
How does this reduce risk?					
Flood Damage Prevention Ordinance	Yes	Yes - BFE+2 feet for all construction in the SFHA (residential and non-residential)	Not available	Federal, State, County and Local	Code
How does this reduce risk?					
Wellhead Protection	No	No			
How does this reduce risk?					
Emergency Management Ordinance	No	Yes		Local County	
How does this reduce risk?					
Climate Change Ordinance	No	No			
How does this reduce risk?					
Other		-			
Planning Documents					
Master Plan	Yes	No	Master Plan	Local	Planning Board
How does this reduce risk?					
Capital Improvement Plan	Yes	No	Capital Improvement Plan	Local	Airport
How does this reduce risk?					
Disaster Debris Management Plan	No	No			
How does this reduce risk?					
Floodplain Management or Watershed Plan	No	No			
How does this reduce risk?					
Stormwater Management Plan	No	No			
How does this reduce risk?					
Open Space Plan	Yes	Yes			
How does this reduce risk?					
Urban Water Management Plan	No	No			
How does this reduce risk?					
Habitat Conservation Plan	No	No			
How does this reduce risk?					

	Jurisdiction has this? (Yes/No)	Required by State? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
Economic Development Plan	Yes	No	Economic Development Plan	Local	Planning Board
How does this reduce risk?					
Shoreline Management Plan	No	Yes, in jurisdictions with CEHA areas	Article 34, Environmental Conservation Law, Coastal Erosion Hazard Areas	Yes, in jurisdictions with CEHA areas	
How does this reduce risk?					
Community Wildfire Protection Plan	No	No			
How does this reduce risk?					
Community Forest Management Plan	No	No			
How does this reduce risk?					
Transportation Plan	No	No			
How does this reduce risk?					
Agriculture Plan	No	No			
How does this reduce risk?					
Climate Action/ Resiliency/Sustainability Plan	No	No			
How does this reduce risk?					
Tourism Plan	No	No			
How does this reduce risk?					
Business/ Downtown Development Plan	No	No			
How does this reduce risk?					
Other					
Response/Recovery Planning					
Emergency Operations Plan	Yes	Yes	County CEMP	County	OEM
How does this reduce risk?					
Strategic Recovery Planning Report	No	No			
How does this reduce risk?					
Threat & Hazard Identification & Risk Assessment (THIRA)	Yes	Yes	THIRA	County	OEM
How does this reduce risk?					
Post-Disaster Recovery Plan	No	No			
How does this reduce risk?					
Continuity of Operations Plan	No	No			
How does this reduce risk?					
Public Health Plan	No	No			
How does this reduce risk?					
Other		-			

Development and Permitting Capability

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

Table 9.19-3. Development and Permitting Capability

Indicate if your jurisdiction implements the following	Yes/No	Comment
Do you issue development permits? • If yes, what department is responsible? • If no, what is your process for development?	Yes	
Are permits tracked by hazard area? (For example, floodplain development permits.)	No	
Do you have a buildable land inventory? • If yes, describe. • If no, quantitatively describe the level of buildout in the jurisdiction.	No	

Administrative and Technical Capability

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

Table 9.19-4. Administrative and Technical Capabilities

Resources	Available? (Yes/No)	Comments (available staff, responsibilities, support of hazard mitigation)
Administrative Capability		
Planning Board	Yes	
Zoning Board of Adjustments	No	
Planning Department	No	
Mitigation Planning Committee	No	
Environmental Board/Commission	No	
Open Space Board/Committee	No	
Economic Development Commission/Committee	No	
Public Works/Highway Department	Yes	Three Employees
Construction/Building/Code Enforcement Department	Yes	Code Office
Emergency Management/Public Safety Department	No	
Maintenance programs to reduce risk (stormwater maintenance, tree trimming, etc.)	No	
Mutual aid agreements	No	
Human Resources Manual	No	
Other		
Technical/Staffing Capability		
Planners or engineers with knowledge of land development and land management practices	No	
Engineers or professionals trained in building or infrastructure construction practices	No	
Planners or engineers with an understanding of natural hazards	No	
Staff with expertise or training in benefit/cost analysis	No	
Professionals trained in conducting damage assessments	No	

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	No	
Scientist familiar with natural hazards	No	
Surveyor(s)	No	
Emergency Manager	No	
Grant writer(s)	No	
Resilience Officer	No	
Other (this could include stormwater engineer, environmental specialist, etc.)		

Fiscal Capability

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

Table 9.19-5. Fiscal Capabilities

Financial Resources	Are these accessible or eligible to use for mitigation? (Yes/No) If yes, please describe. If no, can this be used to support in the future?
Community development Block Grants (CDBG, CDBG-DR)	Yes
Capital improvements project funding	Yes
Authority to levy taxes for specific purposes	Yes
User fees for water, sewer, gas or electric service	Yes
Impact fees for homebuyers or developers of new development/homes	No
Stormwater utility fee	No
Incur debt through general obligation bonds	Yes
Incur debt through special tax bonds	Yes
Incur debt through private activity bonds	No
Withhold public expenditures in hazard-prone areas	No
Other federal or state Funding Programs	No
Open Space Acquisition funding programs	No
Other (for example, Clean Water Act 319 Grants [Nonpoint Source Pollution])	

Education and Outreach Capability

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

Table 9.19-6. Education and Outreach Capabilities

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

Outreach Resources	Available? (Yes/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.
Is hazard mitigation information available on your website?	No	
Social media for hazard mitigation education and outreach	No	
Citizen boards or commissions that address issues related to hazard mitigation	No	
Other programs already in place that could be used to communicate hazard-related information	No	
Warning Systems / Services (mass notification system, outdoor warning signals)	No	
Natural disaster/safety programs in place for schools	No	
Other		

Community Classifications

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

Table 9.19-7. 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	5-9	-
NYSDEC Climate Smart Community	No		
StormReady Certification	No		
Firewise Communities classification	No		
Other	No		

Note:
N/A *Not applicable*
NP *Not participating*
- *Unavailable*

Adaptive Capacity

Adaptive capacity is defined as "the ability of systems, institutions, humans and other organisms to adjust to potential damage, to take advantage of opportunities, or respond to consequences" (IPCC 2014). In other words, it describes a jurisdiction's current capabilities to adjust to, protect from, or withstand a future hazard event, future conditions, and changing risk. The table below summarizes the adaptive capacity for each hazard of concern and the jurisdiction's rating.

Table 9.19-8. Adaptive Capacity

Hazard	Adaptive Capacity - Strong/Moderate/Weak*
Drought	Moderate

Hazard	Adaptive Capacity - Strong/Moderate/Weak*
Earthquake	Moderate
Flood	Moderate
Hazardous Materials	Moderate
Invasive Species	Moderate
Landslide	Moderate
Mine Subsidence	Moderate
Pandemic	Moderate
Severe Storm	Strong
Severe Winter Storm	Strong
Terrorism	Moderate
Utility Failure	Moderate
Wildfire	Moderate

**Strong Capacity exists and is in use*
Moderate Capacity may exist; but is not used or could use some improvement
Weak Capacity does not exist or could use substantial improvement

9.19.4 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.

Table 9.19-9. NFIP Summary

Town of North Dansville	# Policies	# Claims (Losses)	Total Loss Payments	# RL Properties	# SRL Properties	# Policies in the 1% Flood Boundary
Town of North Dansville	13	1	$977.00	N/A	N/A	15

NFIP Topic	Comments
Flood Vulnerability Summary	
Describe areas prone to flooding in your jurisdiction. • Do you maintain a list of properties that have been damaged by flooding?	Cumminsville Area – No lists maintained.
Do you maintain a list of property owners interested in flood mitigation? • How many homeowners and/or business owners are interested in mitigation (elevation or acquisition)?	No
Are any RiskMAP projects currently underway in your jurisdiction? • If so, state what projects are underway.	No
How do you make Substantial Damage determinations? • How many were declared for recent flood events in your jurisdiction?	No
How many properties have been mitigated (elevation or acquisition) in your jurisdiction? • If there are mitigation properties, how were the projects funded?	None
Do your flood hazard maps adequately address the flood risk within your jurisdiction? • If not, state why.	Yes
NFIP Compliance	

Town of North Dansville	# Policies	# Claims (Losses)	Total Loss Payments	# RL Properties	# SRL Properties	# Policies in the 1% Flood Boundary
Town of North Dansville	13	1	$977.00	N/A	N/A	15

NFIP Topic	Comments
What local department is responsible for floodplain management?	Code Enforcement
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?	No
Does your floodplain management staff need any assistance or training to support its floodplain management program? • If so, what type of assistance/training is needed?	Yes
Provide an explanation of NFIP administration services you provide (e.g. permit review, GIS, education/outreach, inspections, engineering capability)	-
How do you determine if proposed development on an existing structure would qualify as a substantial improvement?	-
What are the barriers to running an effective NFIP program in the community, if any?	-
Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed? • If so, state the violations.	-
When was the most recent Community Assistance Visit (CAV) or Community Assistance Contact (CAC)?	CAV – March 21, 2003 CAC – February 5, 2009
What is the local law number or municipal code of your flood damage prevention ordinance? What is the date that your flood damage prevention ordinance was last amended?	Unavailable
Does your floodplain management program meet or exceed minimum requirements? • If exceeds, in what ways?	Meets minimum NFIP standards, but not State mandate of freeboard
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?	-
Does your jurisdiction participate in CRS? • If yes, is your jurisdiction interested in improving its CRS Classification? • If no, is your jurisdiction interested in joining the CRS program?	No

Notes:
RL Repetitive Loss; SRL Severe Repetitive Loss

9.19.5 Evacuation, Sheltering, Temporary Housing, and Permanent Housing

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

Evacuation Routes

The Town identified NYS Routes 36 and 63, and County Routes 256 and 436,as evacuation routes.

Sheltering

The Town identified the following facilities as potential emergency shelters.

Site Name	Address	Capacity	Accommodates Pets?	ADA Compliant?	Backup Power?	Types of Medical Services Provided	Other Services Provided
Town Hall	14 Clara Barton St., 14437	200	No	Yes	No	Local Ambulance	
High School	284 Main St., 14437	500	No	Yes	No	Local Ambulance	
Moose Lodge	6 Main St., 14437	200	No	Yes	No	Local Ambulance	Food Service

Temporary Housing

The Town identified the following location for temporary housing.

Site Name	Site Address	Infrastructure / Utilities Available (Water, electric, septic, etc.)	Capacity (Number of sites)	Type	Actions Required to Ensure Conformance with the NYS Uniform Fire Prevention and Building Code
Dansville Airport	176 Franklin St., 14437	Yes	57 Acres of Land	Airport	Code Enforcement will check for compliance

Permanent Housing

While the Town of North Dansville did not identify potential locations for permanent housing, as part of the planning process, a countywide buildable land analysis was conducted and presented in Section 4 (County Profile). The Town can utilize this analysis to identify potential locations.

9.19.6 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 understanding a jurisdiction's overall risk to its hazards of concern. Table 9.19-10 summarizes recent and expected future development trends, including major residential/commercial development and major infrastructure development. New and proposed development in the Town is not expected to impact vulnerability to hazards.

Table 9.19-10. Recent and Expected Future Development

Type of Development	2015		2016		2017		2018		2019		2020		2021	
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**	**Total**	**Within SFHA**
Single Family	3	1	6	0	4	0	1	1	1	1	1	0	1	0
Multi-Family	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other (commercial, mixed-use, etc.)	1	1	0	0	0	0	1	0	0	0	0	0	0	0
Total Permits Issued	4	2	6	0	4	0	2	1	1	1	1	0	1	0

Property or Development Name	**Type of Development**	**# of Units / Structures**	**Location (address and/or block and lot)**	**Known Hazard Zone(s)***	**Description / Status of Development**
Recent Major Development and Infrastructure from 2015 to Present					
None					
Known or Anticipated Major Development and Infrastructure in the Next Five (5) Years					
None					

SFHA Special Flood Hazard Area (1% flood event)

** Only location-specific hazard zones or vulnerabilities identified.*

9.19.7 Jurisdictional Risk Assessment

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

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

Figure 9.19-1. Town of North Dansville Flood and Mine Subsidence Hazard Areas

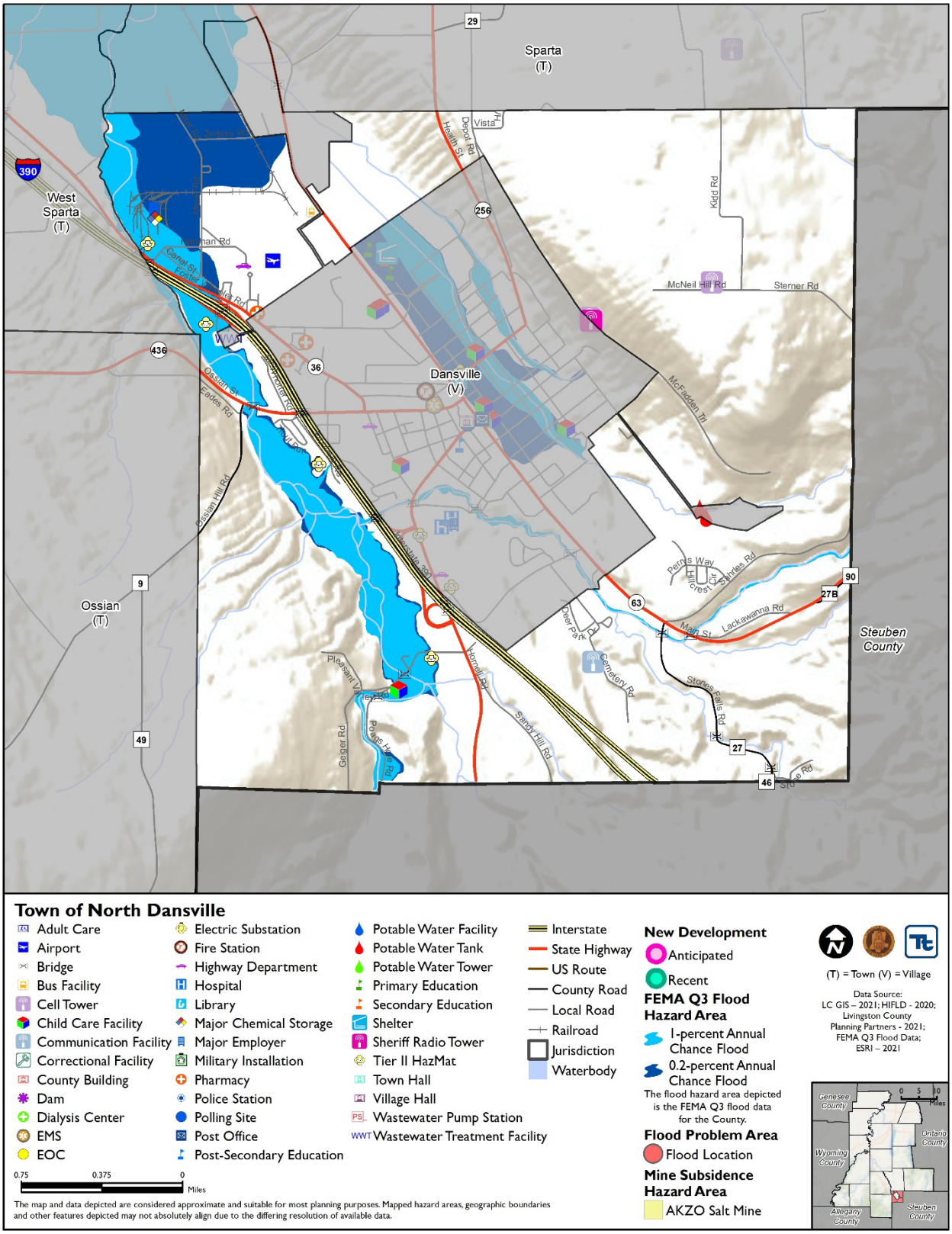


Figure 9.19-2. Town of North Dansville Hazmat and Wildfire Hazard Areas

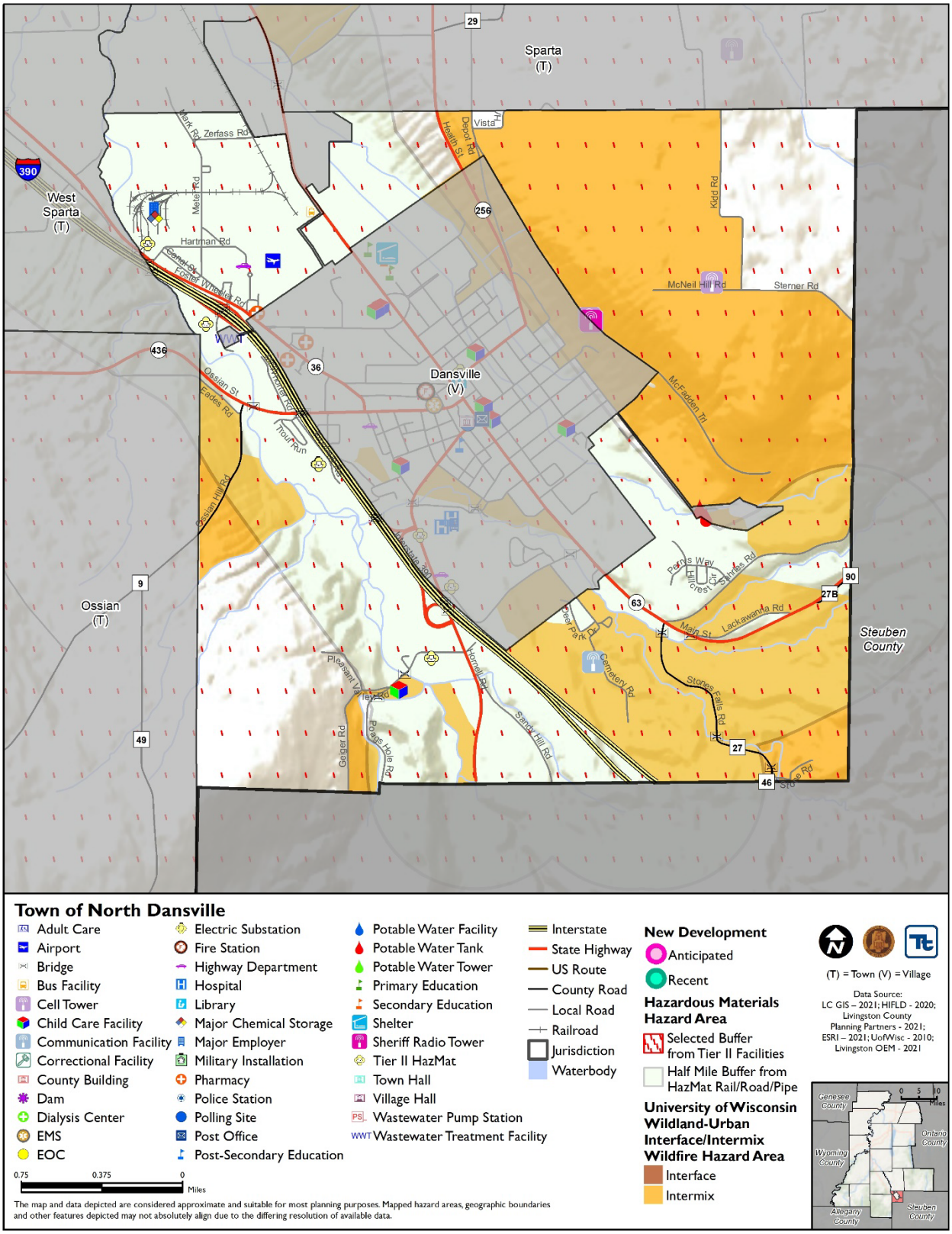
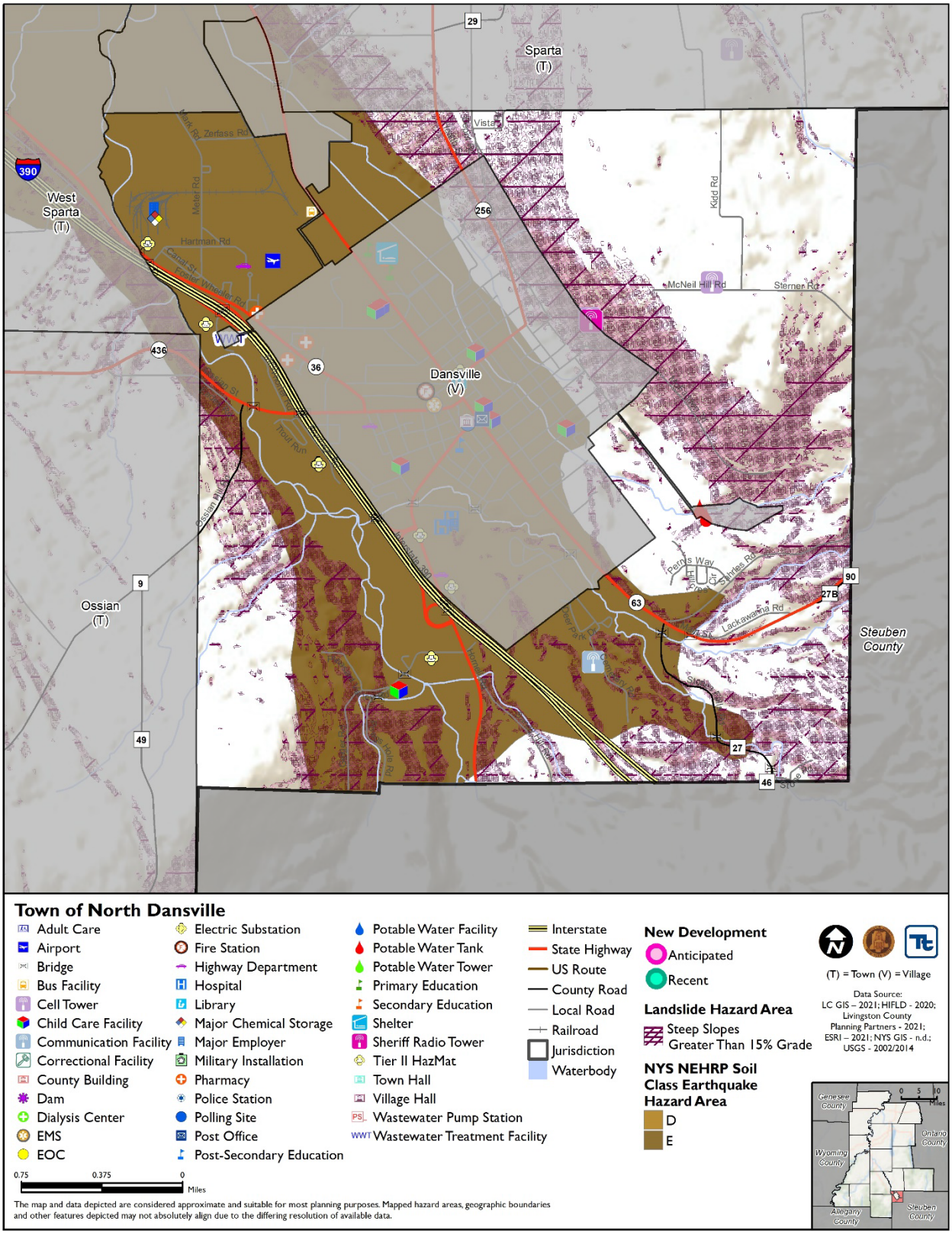


Figure 9.19-3. Town of North Dansville Earthquake and Landslide Hazard Areas



Hazard Event History

Livingston County has a history of natural and non-natural hazard events as detailed in Volume I, Section 5 (Risk Assessment) of this plan. A summary of historical events is provided in each of the hazard profiles and includes a chronology of events that have affected the county and its municipalities.

The Town of North Dansville's history of federally-declared (as presented by FEMA) and significant hazard events (as presented in NOAA-NCEI) is consistent with that of Livingston County. Table 9.19-11 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. For details of these and additional events, refer to Volume I, Section 5.0 of this plan.

Table 9.19-11. Hazard Event History

Dates of Event	Event Type (Disaster Declaration if applicable)	Emergency Declaration?	Municipal Summary of Damages and Losses
2020 & 2021	COVID 19 Pandemic	DR 3434 and 4480	Negative social, health, and economic impacts such as population loss, resident infections, resident deaths, mandatory business closures, school closings, decreases in the local labor market, and household supply shortages
11/15/2020	High Wind	-	-
8/27/2020	Flash Flood	-	-
1/12/2020	Flood	-	-
11/1/2019	Flood	-	-
10/15/2019	Flood	-	-
10/27/2019	Flood	-	-
9/21/2018	Lightning	-	-
4/4/2018	Blizzard	-	-
7/20/2017	Tornado	-	-
3/8/2017	High Wind	-	-
9/9/2015	Thunderstorm Wind	-	-

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 Section 5.0 (Risk Assessment) of this plan have detailed information regarding each plan participant's vulnerability to the identified hazards. The following summarizes the Town of North Dansville'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 Section 5 (Risk Assessment) of the plan. The ranking process involves an assessment of the likelihood of occurrence for each hazard, along with its potential impacts on people, property, and the economy as well as community capability and changing future climate conditions. This input supports the mitigation action development to target those hazards with highest level of concern.

As discussed in Section 5.3 (Hazard Ranking), each participating jurisdiction may have differing degrees of risk exposure and vulnerability compared to Livingston County as a whole. Therefore, each Town of North Dansville 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 North Dansville. The Town of North Dansville has reviewed the county hazard risk/vulnerability risk ranking table as well as its individual results to reflect the relative risk of the hazards of concern to the community.

During the review of the hazard/vulnerability risk ranking, the Town did not change the calculated rankings.

Table 9.19-12. Hazard Ranking Input

Drought	Earthquake	Flood	Hazardous Materials	Invasive Species	Landslide	Mine Subsidence
Low	High	Low	High	Medium	Low	Low

Pandemic	Severe Storm	Severe Winter Storm	Wildfire	Terrorism	Utility Failure
Medium	High	Medium	High	Low	High

Note: The scale is based on the hazard rankings established in Section 5.3 and modified as appropriate during review by the jurisdiction

Critical Facilities

The table below identifies critical facilities in the community located in the 1-percent and 0.2-percent floodplain and presents Hazards United States (HAZUS) – Multi-Hazards (MH) estimates of the damage and loss of use to critical facilities as a result of a 1-percent annual chance flood event.

Table 9.19-13. Potential Flood Losses to Critical Facilities

Name	Type	Exposure 1% Event	Exposure 0.2% Event	Complies with NYS Standards	Addressed by Proposed Action
Providence Ag - Dansville	Hazmat	X	X	No	2022-Town of North Dansville-004
Travel Ctrs. of America - Dansville	Hazmat	X	X	No	2022-Town of North Dansville-004
Valley Energy Services	Hazmat	X	X	No	2022-Town of North Dansville-004

Source: Livingston County Planning Partners 2021; HIFLD 2020

Identified Issues

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

- The Flood Damage Prevention Ordinance is dated and does not include State-mandated freeboard.
- The Cumminsville area is vulnerable to flooding.
- The following three hazmat facilities are in the special flood hazard area and vulnerable to flooding: 1) Providence Ag – Dansville; 2) Travel Ctrs. of America – Dansville; 3) Valley Energy Services.
- Culverts are undersized.
- Backup power generators are needed at Town Hall, Town Barns, and the Airport Main Hanger and Vault.

9.19.8 Mitigation Strategy and Prioritization

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

Past Mitigation Initiative Status

The following table indicates progress on the community's mitigation strategy identified in the 2015 HMP. Actions that are carried forward as part of this plan update are included in the following subsection in its own table with prioritization. Previous actions that are now on-going programs and capabilities are indicated as such in the following table and may also be found under 'Capability Assessment' presented previously in this annex.

Table 9.19-14. 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** **1. Cost** **2. Level of Protection** **3. Damages Avoided; Evidence of Success**	Next Steps 1. Project to be included in 2022 HMP or Discontinue 2. If including action in the 2022 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
TND-1	Implement a stream clearance project for Mill Creek, Canaseraga Creek, and Creek East Side/North.	Flood, Severe Storm	None provided in the 2015 HMP	Town Planning	No Progress	1. 2. 3.	1. Include in the 2022 HMP. 2. 3.
TND-2	Develop a Town stormwater management plan.	Flood, Severe Storm	None provided in the 2015 HMP	Town Planning	No Progress	1. 2. 3.	1. Include in the 2022 HMP. 2. 3.
TND-3	Provide backup power generators for pump stations.	All	None provided in the 2015 HMP	Town Highway Department	No Progress	1. 2. 3.	1. Discontinue 2. 3. No longer a priority
TND-4	Provide backup power generators for airports/airstrips.	All	None provided in the 2015 HMP	Town Highway Department	No Progress	1. 2. 3.	1. Include in the 2022 HMP. 2. 3.
TND-5	Provide backup power generators for highway department/DPW garages and related installations.	All	None provided in the 2015 HMP	Town Highway Department	No Progress	1. 2. 3.	1. Include in the 2022 HMP. 2. 3.
TND-6	Get community groups involved (Boy/Girl Scouts, etc.) with information distribution programs.	All	None provided in the 2015 HMP	County Sheriff	No Progress	1. 2. 3.	1. Discontinue 2. 3. County action; Town will support as needed.
TND-7	Support community programs to assist elderly and vulnerable populations during utility failures. Encourage residents to check on elderly and other vulnerable neighbors.	Flood	None provided in the 2015 HMP	County Office for the Aging	No Progress	1. 2. 3.	1. Discontinue 2. 3. County action; Town will support as needed.
TND-8	Develop a flood mitigation program for flood-prone stretches of the Genesee River, Jaycox Creek, Keshequa Creek and Canaseraga Creek. These watercourses are the source of significant flooding and require special attention.	Flood	None provided in the 2015 HMP	County Planning	No Progress	1. 2. 3.	1. Discontinue 2. 3. County action; Town will support as needed.
TND-9	Introduce erosion controls/stream and bank stabilization measures along specific flood prone watercourses, including Mud Creek, Mill Creek and Canaseraga Creek.	All	None provided in the 2015 HMP	County Planning	No Progress	1. 2. 3.	1. Discontinue 2. 3. County action; Town will support as needed.
TND-10	Build a diversion channel/canal to divert flood waters from the flood-prone Village of Dansville.	Flood	None provided in the 2015 HMP	Town Highway	No Progress	1. 2. 3.	1. Include in the 2022 HMP. 2. 3.

Project #	Project	Hazard(s) Addressed	Brief Summary of the Original Problem	Responsible Party	Status (In Progress, Ongoing, No Progress, Complete)	**Evaluation of Success** **1. Cost** **2. Level of Protection** **3. Damages Avoided; Evidence of Success**	Next Steps 1. Project to be included in 2022 HMP or Discontinue 2. If including action in the 2022 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
TND-11	Create a coordinated ditch stabilization program for the southern part of the county, specifically the towns of Mount Morris, Groveland, Conesus, Springwater, Sparta, West Sparta, North Dansville, Ossian, Nunda, and Portage. The higher relief in these towns makes this program a priority.	Flood	None provided in the 2015 HMP	Town Highway Department	No Progress	1. 2. 3.	1. Discontinue 2. 3. County action; Town will support as needed.
TND-12	Line some streambanks, especially those in the southern part of the county, with retaining walls for erosion control.	Flood	None provided in the 2015 HMP	Town Highway Department	No Progress	1. 2. 3.	1. Discontinue 2. 3. County action; Town will support as needed.
TND-13	Construct permanent storage facilities for vulnerable equipment & machinery that is not currently protected from harsh weather.	HazMat	None provided in the 2015 HMP	CEO	No Progress	1. 2. 3.	1. Include in the 2022 HMP. 2. 3.
TND-14	Develop materials and conduct education and outreach to work with farmers to implement best management practices (BMPs) to address stormwater runoff from fields.	Flood, Severe Storm	None provided in the 2015 HMP	County Planning Department	No Progress	1. 2. 3.	1. Discontinue 2. 3. County action; Town will support as needed.
TND-15	Conduct a hydrilla management analysis to determine whether chemical treatments or the introduction of grass carp would be a more effective control measure.	Invasive Species	None provided in the 2015 HMP	County Planning Department	No Progress	1. 2. 3.	1. Discontinue 2. 3. County action; Town will support as needed.
TND-16	Implement hydrilla control measures to prevent the further spread of the invasive species and to eventually reduce its impact on the County's water systems.	Invasive Species	None provided in the 2015 HMP	County Planning Department	No Progress	1. 2. 3.	1. Discontinue 2. 3. County action; Town will support as needed.
TND-17	Support the mitigation of vulnerable structures via retrofit (e.g. elevation, flood-proofing) or acquisition/relocation to protect them from future damage; repetitive loss and severe repetitive loss properties should be a priority, when applicable.	Flood, Severe Storm, Wildfire, Winter Storm	None provided in the 2015 HMP	Town Engineering	No Progress	1. 2. 3.	1. Discontinue 2. 3. Will include as specific problem areas are identified.
TND-18	Assess and prioritize feasible non-structural flood hazard mitigation alternatives for at-risk properties within the floodplain (including those that have been identified as repetitive loss) such as acquisition/relocation, or elevation. The	Flood, Severe Storm, Wildfire, Winter Storm	None provided in the 2015 HMP	Town Engineering	No Progress	1. 2. 3.	1. Discontinue 2. 3. Specific problem areas not identified.

Project #	Project	Hazard(s) Addressed	Brief Summary of the Original Problem	Responsible Party	Status (In Progress, Ongoing, No Progress, Complete)	**Evaluation of Success** **1. Cost** **2. Level of Protection** **3. Damages Avoided; Evidence of Success**	Next Steps 1. Project to be included in 2022 HMP or Discontinue 2. If including action in the 2022 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
	parameters for feasibility for this initiative would include the following: funding, benefits versus costs, and willing participation of property owners. Implement as funding becomes available.						
TND-19	Develop and implement an enhanced all-hazards, public outreach / education / mitigation information program on natural hazard risks and what they can do in the way of mitigation and preparedness, including flood insurance.	All Hazards	None provided in the 2015 HMP	Supervisor's Office	In Progress	1. 2. 3.	1. Include in the 2022 HMP. 2. 3.
TND-20	Maintain compliance with and good-standing in the NFIP including 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. Further meet and/or exceed the minimum NFIP standards and criteria through the following NFIP-related continued compliance actions identified in subsequent initiatives.	Flood	None provided in the 2015 HMP	NFIP FPA	Ongoing	1. 2. 3.	1. Discontinue 2. 3. Ongoing capability
TND-21	Support and participate in county-led initiatives intended to build local and regional mitigation and risk-reduction capabilities (see Section 9.1).	All Hazards	None provided in the 2015 HMP	NFIP FPA	No Progress	1. 2. 3.	1. Discontinue 2. 3. County effort; Town will support as necessary
TND-22	Begin the process to promote or adopt higher regulatory and zoning standards to manage flood hazard risk.	Flood	None provided in the 2015 HMP	NFIP FPA	No Progress	1. 2. 3.	1. Include in the 2022 HMP. 2. Action to update the Flood Damage Prevention Ordinance 3.
TND-23	Develop and implement a post-event damage assessment program.	Flood; Severe Storm; Severe Winter Storm	None provided in the 2015 HMP	Engineering	Ongoing	1. 2. 3.	1. Discontinue 2. 3. Ongoing county capability
TND-24	Support participation in the NFIP Community Rating System (CRS)	Flood		NFIP FPA	No Progress	1.	1. Discontinue 2.

Project #	Project	Hazard(s) Addressed	Brief Summary of the Original Problem	Responsible Party	Status (In Progress, Ongoing, No Progress, Complete)	**Evaluation of Success** **1. Cost** **2. Level of Protection** **3. Damages Avoided; Evidence of Success**	Next Steps 1. Project to be included in 2022 HMP or Discontinue 2. If including action in the 2022 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
	program by attending CRS workshop(s) if offered within the county. Join the CRS program if adequate resources to support long term participation can be dedicated. See following related Community Assistance Visit (CAV) initiative.		None provided in the 2015 HMP			2. 3.	3. NFIP policy base does not support administrative requirements of participation.
TND-25	Determine if a Community Assistance Visit (CAV) or Community Assistance Contact (CAC) is needed, and schedule if needed. This is a part of the process of joining CRS (above initiative).	Flood	None provided in the 2015 HMP	NFIP FPA	No Progress	1. 2. 3.	1. Discontinue 2. 3. Part of previous action.
TND-26	Designate a NFIP Floodplain Administrator (FPA), and other local officials who would benefit, become a Certified Floodplain Manager (CFM) through the Association of State Floodplain Managers (ASFPM) and New York State Stormwater and Floodplain Managers Association (NYSSFMA), and pursue relevant continuing education training such as FEMA Benefit-Cost Analysis (BCA) and Substantial Damage Estimation (SDE).	Flood	None provided in the 2015 HMP	NFIP FPA	No Progress	1. 2. 3.	1. Include in the 2022 HMP. 2. Action to ensure FPA is trained. 3.
TND-27	Develop and maintain mapping of all natural hazard risk areas in the Town, FEMA-delineated or otherwise, to support land use decision making (e.g. Planning Board, site plan review process,).	Flood, Wildfire	None provided in the 2015 HMP	Engineering Department	Complete	Information not available	1. Discontinue 2. 3. Completed as part of the HMP update
TND-28	Work with County and power companies to identify roads within the Town considered "critical" would be the first priority for clearing after an event involving downed power lines.	Severe Storm; Severe Winter Storm	None provided in the 2015 HMP	Engineering Department	Ongoing	1. 2. 3.	1. Discontinue 2. 3. Ongoing capability
TND-29	Enhance or expand tree maintenance program and coordinate with utility companies.	Severe Storm; Severe Winter Storm	None provided in the 2015 HMP	Engineering Department	Ongoing	1. 2. 3.	1. Discontinue 2. 3. Ongoing capability
TND-30	Work with utility companies and developers to bury utility lines underground, wherever possible.	Severe Storm; Severe Winter Storm	None provided in the 2015 HMP	Engineering Department	Ongoing	1. 2. 3.	1. Include in the 2022 HMP. 2. 3.

Completed Mitigation Initiatives Not Identified in the Previous Mitigation Strategy

The Town of North Dansville has not identified any mitigation projects/activities that have been completed but were not identified in the previous mitigation strategy in the 2015 HMP:

Proposed Hazard Mitigation Initiatives for the HMP Update

The Town of North Dansville participated in a mitigation action workshop in September 2021 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.

Table 9.19-15. Analysis of Mitigation Actions by Hazard and Category

Hazard	FEMA				CRS					
	LPR	SIP	NSP	EAP	PR	PP	PI	NR	SP	ES
Drought				X			X			
Earthquake				X			X			
Flood	X	X	X	X	X	X	X	X		
Hazardous Materials				X			X			
Invasive Species				X			X			
Landslide				X			X			
Mine Subsidence				X			X			
Pandemic				X			X			
Severe Storm	X	X	X	X		X	X	X		
Severe Winter Storm		X	X	X		X	X	X		
Terrorism				X			X			
Utility Failure		X		X		X	X			
Wildfire				X			X			

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

Table 9.19-16 summarizes the comprehensive range of specific mitigation initiatives the Town of North Dansville would like to pursue in the future to reduce the effects of hazards. Some of these initiatives may be previous actions carried forward for this plan update. These initiatives are dependent upon available funding (grants and local match availability) and may be modified or omitted at any time based on the occurrence of new hazard events and changes in municipal priorities. Both the four FEMA mitigation action categories and the six CRS mitigation action categories are listed in the table below to further demonstrate the wide range of activities and mitigation measures selected.

As discussed in Section 6, 14 evaluation/prioritization criteria are used 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 your actions as 'High', 'Medium', or 'Low.' The table below summarizes the evaluation of each mitigation initiative, listed by Action Number.

Table 9.19-16. Proposed Hazard Mitigation Initiatives

Project Number	Mitigation Initiative Name	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Hazard(s) to be Mitigated	Goals Met	Estimated Timeline	Lead and Support Agencies	Potential Funding Sources	Estimated Benefits	Estimated Costs	Priority	Mitigation Category	CRS Category
2022-Town of North Dansville-001	Update Flood Damage Prevention Ordinance	**Problem**: The Town lacks an updated flood damage prevention ordinance. **Solution**: The Town will adopt an updated flood damage prevention ordinance to meet state and federal NFIP standards.	No	No	Flood	2	Within 6 months	NFIP Floodplain Administrator	Town Budget	Meeting state and federal standards	Staff time	High	LPR	PR
2022-Town of North Dansville-002	NFIP Administrator Training	**Problem:** The floodplain administrator for the Town is in need of training on current NFIP requirements in the State. **Solution:** The floodplain administrator will review the list of upcoming trainings on the NYSDEC website and sign up to attend.	No	No	Flood	3	Within 1 year	NFIP Floodplain Administrator	Town Budget	Increase education and training on floods in the town	Staff time	High	LPR	PR
2022-Town of North Dansville-003	Cumminsville Flood Protection	**Problem:** The Cumminsville area is vulnerable to flooding. **Solution**: The Town will conduct a study of the flood problem in the Cumminsville area to determine possible alternatives to reduce flooding, and will implement the most	No	No	Flood, Severe Storm	1, 2	Within 2 years	Engineer, CEO	Town budget; staff time; HMGP	Properties protected from flooding; less damage to roadways; roadways remain passable for emergency responders	$100K for the study	High	LPR	PP

Project Number	Mitigation Initiative Name	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Hazard(s) to be Mitigated	Goals Met	Estimated Timeline	Lead and Support Agencies	Potential Funding Sources	Estimated Benefits	Estimated Costs	Priority	Mitigation Category	CRS Category
		appropriate alternative(s).												
2022-Town of North Dansville-004	Hazmat Facility Flood Protection	**Problem:** The following three hazmat facilities are in the special flood hazard area and vulnerable to flooding: 1) Providence Ag – Dansville; 2) Travel Ctrs. of America – Dansville; 3) Valley Energy Services. **Solution:** The FPA will work with the operators of each facility to determine protective measures that can be taken to prevent contamination of floodwaters and flood damage to the facilities.	Yes	Yes	Flood	1, 2, 3	Within 1 year	FPA	Staff time	Protect critical facilities from flooding; reduce risk of contamination of flood waters	Low	High	LPR	PP
2022-Town of North Dansville-005	Stormwater Management Upgrades	**Problem:** Culverts throughout the Town are undersized and need to be upgraded. **Solution:** The Town will assess the culverts in the Town to determine which need to be upgraded, will develop designs to replace the culverts with ones of adequate size, as applicable, and will maintain drainage ditches.	No	No	Flood; Severe Storm	1, 2	Within 3 years	Highway	CHIPS; BRIC; HMGP; Staff time; Town budget	Reduced damage to culverts and roadways; roads remain passable during storm events	$5K	High	SIP	PP

Project Number	Mitigation Initiative Name	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Hazard(s) to be Mitigated	Goals Met	Estimated Timeline	Lead and Support Agencies	Potential Funding Sources	Estimated Benefits	Estimated Costs	Priority	Mitigation Category	CRS Category
2022-Town of North Dansville-006	Backup Power at Town Hall	**Problem:** Town Hall lacks backup power. Government may not be able to function during a power outage. **Solution:** Provide a backup power generator for Town Hall.	Yes	No	Severe Storm, Severe Winter Storm, Utility Failure	1	Within 1 year	Supervisor, Engineer	Town budget; HMGP	Continued government operations during and after an emergency	$45K	High	SIP	PP
2022-Town of North Dansville-007	Backup Power at Town Barns	**Problem:** The facilities cannot function without power, which could prevent crews from being able to operate. **Solution:** Purchase and install a backup power generator.	Yes	No	Severe Storm, Severe Winter Storm, Utility Failure	1, 2	Within 1 year	Supervisor, Engineer	Town budget; HMGP	Continued highway operations during and after an emergency	$45K	High	SIP	PP
2022-Town of North Dansville-008	Backup Power at the Airport Main Hanger and Vault	**Problem:** The facility doors cannot open without power, which could prevent crews from being able to operate. **Solution:** Purchase and install a backup power generator.	Yes	No	Severe Storm, Severe Winter Storm, Utility Failure	1, 2	Within 1 year	Supervisor, Engineer	Town budget; HMGP; Airport revenue	Continued flight operations during and after an emergency	$45K	High	SIP	PP
2022-Town of North Dansville-009	Stream Clearance	**Problem**: Creeks in the Town become clogged with debris, inhibiting the flow of water and contributing to flooding. **Solution**: Implement a stream clearance project for Mill Creek, Canaseraga Creek , and Creek East Side/North.	No	Yes	Flood, Severe Storm, Severe Winter Storm	1, 2	Within 6 months	FPA	Staff time	Removal of obstructions from waterways; more efficient discharge of water in creeks	Low	High	NSP	NR

Project Number	Mitigation Initiative Name	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Hazard(s) to be Mitigated	Goals Met	Estimated Timeline	Lead and Support Agencies	Potential Funding Sources	Estimated Benefits	Estimated Costs	Priority	Mitigation Category	CRS Category
2022-Town of North Dansville-010	Stormwater Management Plan	**Problem**: Stormwater management in the Town is not consistent. **Solution**: Develop a Town stormwater management plan .	No	No	Flood, Severe Storm	1, 2	Within 2 years	Supervisor; CEO	Staff Time	Consistent, effective stormwater management; reduced risk of flooding	$50K	High	LPR	PR
2022-Town of North Dansville-011	Dansville Diversion Channel	**Problem**: Floodwaters in the Town flow to the Village of Dansville, causing increased impacts. **Solution**: Build a diversion channel/canal to divert flood waters from the flood-prone Village of Dansville.	No	No	Flood	1, 2	Within 4 years	FPA; Engineer	Town budget; BRIC; HMGP	Decrease flood impacts to populated area; lower flood losses	High	Med.	SIP	PP
2022-Town of North Dansville-012	Public Outreach Campaign	**Problem**: Residents may be unaware of the steps they can take to protect their homes and property. **Solution**: Develop and implement an enhanced all-hazards, public outreach/ education/ mitigation information program on natural hazard risks and what they can do in the way of mitigation and preparedness, including flood insurance.	No	No	All Hazards	3	Within 1 year	Supervisor	Staff Time	Less reliance on emergency response organizations	Low	High	EAP	PI
2022-Town of North Dansville-013	Bury Power Lines	**Problem**: Overhead power lines can be damaged by falling debris and ice accumulation, causing power outages.	No	No	Severe Storm, Severe Winter Storm,	1	Within 1 year	Engineer	Staff Time; HMGP; BRIC	Power service is maintained during emergencies	High	Med.	SIP	PP

Project Number	Mitigation Initiative Name	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Hazard(s) to be Mitigated	Goals Met	Estimated Timeline	Lead and Support Agencies	Potential Funding Sources	Estimated Benefits	Estimated Costs	Priority	Mitigation Category	CRS Category
		Solution: Work with utility companies and developers to bury utility lines underground, wherever possible.			Utility Failure									

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% floodplain*

Mitigation Category:

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

CRS Category:

- *Preventative Measures (PR) - Government, administrative or regulatory actions, or processes that influence the way land and buildings are developed and built. Examples include planning and zoning, floodplain local laws, capital improvement programs, open space preservation, and storm water management regulations.*

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

Table 9.19-17. 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
2022-Town of North Dansville-001	Update Flood Damage Prevention Ordinance	1	1	1	1	1	0	1	0	0	1	0	1	0	1	9	High
2022-Town of North Dansville-002	NFIP Administrator Training	1	1	1	1	1	0	1	0	0	1	0	1	0	1	9	High
2022-Town of North Dansville-003	Cumminsville Flood Protection	0	1	1	1	1	1	0	0	1	1	1	1	1	1	11	High
2022-Town of North Dansville-004	Hazmat Facility Flood Protection	1	0	1	1	1	1	1	1	0	1	0	1	1	0	10	High
2022-Town of North Dansville-005	Stormwater Management Upgrades	0	1	1	1	1	1	1	0	0	1	1	0	1	1	10	High
2022-Town of North Dansville-006	Backup Power at Town Hall	0	1	1	1	1	1	0	0	0	1	1	1	1	1	10	High
2022-Town of North Dansville-007	Backup Power at Town Barns	0	1	1	1	1	1	0	0	0	1	1	1	1	1	10	High
2022-Town of North Dansville-008	Backup Power at the Airport Main Hanger and Vault	0	1	1	1	1	1	0	0	0	1	1	1	1	1	10	High
2022-Town of North Dansville-009	Stream Clearance	0	0	1	1	1	1	1	1	0	1	1	1	1	1	11	High
2022-Town of North Dansville-010	Stormwater Management Plan	0	1	1	1	1	1	1	1	0	1	1	1	0	1	11	High
2022-Town of North Dansville-011	Dansville Diversion Channel	1	1	1	1	0	0	-1	0	1	1	0	0	0	1	6	Medium
2022-Town of North Dansville-012	Public Outreach Campaign	0	1	1	1	1	1	1	0	0	0	1	1	1	0	9	High
2022-Town of North Dansville-013	Bury Power Lines	0	1	0	1	1	1	0	0	0	1	1	0	0	1	7	Medium

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

9.19.9 Action Worksheets

The following action worksheets have been developed by the Town of North Dansville to aid in the submittal of grant applications to support the funding of high priority proposed actions.

Action Worksheet			
Project Name:	Backup Power for Town Hall		
Project Number:	2022-Town of North Dansville-006		
Risk / Vulnerability			
Hazard(s) of Concern:	Severe Storm, Severe Winter Storm, Utility Failure		
Description of the Problem:	Town Hall lacks backup power. Government may not be able to function during a power outage.		
Action or Project Intended for Implementation			
Description of the Solution:	Provide a backup power generator for Town Hall.		
Is this project related to a Critical Facility?	Yes ☒	No ☐	
Is this project related to a Critical Facility located within the Special Flood Hazard Area?	Yes ☐	No ☒	
(If yes, this project must intend to protect to the 500-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	TBD	**Estimated Benefits (losses avoided):**	Continued government operations during and after an emergency
Useful Life:	30 years	**Goals Met:**	1
Estimated Cost:	$45K	**Mitigation Action Type:**	Structural and Infrastructure Project
Plan for Implementation			
Prioritization:	High	**Desired Timeframe for Implementation:**	Within 1 year
Estimated Time Required for Project Implementation:	6 months	**Potential Funding Sources:**	Town budget; HMGP
Responsible Organization:	Supervisor	**Local Planning Mechanisms to be Used in Implementation if any:**	Capital Budget

Three Alternatives Considered (including No Action)			
Alternatives:	**Action**	**Estimated Cost**	**Evaluation**
	No Action	$0	Problem continues.
	Install solar panels	High	Unstable energy source
	Generator	High	Best option

Progress Report (for plan maintenance)	
Date of Status Report:	
Report of Progress:	
Update Evaluation of the Problem and/or Solution:	

Evaluation and Prioritization		
Project Name:	Backup Power for Town Hall	
Project Number:	2022-Town of North Dansville-006	
Criteria	**Numeric Rank (-1, 0, 1)**	**Provide brief rationale for numeric rank when appropriate**
Life Safety	0	
Property Protection	1	
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	0	
Environmental	0	
Social	0	
Administrative	1	
Multi-Hazard	1	
Timeline	1	
Agency Champion	1	
Other Community Objectives	1	
Total	10	
Priority (High/Med/Low)	High	

Action Worksheet			
Project Name:	Backup Power at Town Barns		
Project Number:	2022-Town of North Dansville-007		
Risk / Vulnerability			
Hazard(s) of Concern:	Severe Storm, Severe Winter Storm, Utility Failure		
Description of the Problem:	The facilities cannot function without power, which could prevent crews from being able to operate.		
Action or Project Intended for Implementation			
Description of the Solution:	Purchase and install a backup power generator.		
Is this project related to a Critical Facility?	Yes ☒	No ☐	
Is this project related to a Critical Facility located within the Special Flood Hazard Area?	Yes ☐	No ☒	
(If yes, this project must intend to protect to the 500-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	TBD	**Estimated Benefits (losses avoided):**	Continued highway operations during and after an emergency
Useful Life:	30 years	**Goals Met:**	1,2
Estimated Cost:	$45K	**Mitigation Action Type:**	Structural and Infrastructure Project
Plan for Implementation			
Prioritization:	High	**Desired Timeframe for Implementation:**	Within 1 year
Estimated Time Required for Project Implementation:	6 months	**Potential Funding Sources:**	Town budget; HMGP
Responsible Organization:	Supervisor	**Local Planning Mechanisms to be Used in Implementation if any:**	Capital Budget

Three Alternatives Considered (including No Action)			
Alternatives:	**Action**	**Estimated Cost**	**Evaluation**
	No Action	$0	Problem continues.
	Install solar panels	High	Unstable energy source
	Generator	High	Best option

Progress Report (for plan maintenance)	
Date of Status Report:	
Report of Progress:	
Update Evaluation of the Problem and/or Solution:	

Evaluation and Prioritization		
Project Name:	Backup Power at Town Barns	
Project Number:	2022-Town of North Dansville-007	
Criteria	**Numeric Rank (-1, 0, 1)**	**Provide brief rationale for numeric rank when appropriate**
Life Safety	0	
Property Protection	1	
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	0	
Environmental	0	
Social	0	
Administrative	1	
Multi-Hazard	1	
Timeline	1	
Agency Champion	1	
Other Community Objectives	1	
Total	10	
Priority (High/Med/Low)	High	

Action Worksheet			
Project Name:	Backup Power at the Airport Main Hanger and Vault		
Project Number:	2022-Town of North Dansville-008		
Risk / Vulnerability			
Hazard(s) of Concern:	Severe Storm, Severe Winter Storm, Utility Failure		
Description of the Problem:	The facility doors cannot open without power, which could prevent crews from being able to operate.		
Action or Project Intended for Implementation			
Description of the Solution:	Purchase and install a backup power generator.		
Is this project related to a Critical Facility?	Yes ☒	No ☐	
Is this project related to a Critical Facility located within the Special Flood Hazard Area?	Yes ☐	No ☒	
(If yes, this project must intend to protect to the 500-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	TBD	**Estimated Benefits (losses avoided):**	Continued flight operations during and after an emergency
Useful Life:	30 years	**Goals Met:**	1, 2
Estimated Cost:	$45K	**Mitigation Action Type:**	Structural and Infrastructure Project
Plan for Implementation			
Prioritization:	High	**Desired Timeframe for Implementation:**	Within 1 year
Estimated Time Required for Project Implementation:	6 months	**Potential Funding Sources:**	Town budget; HMGP; Airport review
Responsible Organization:	Supervisor	**Local Planning Mechanisms to be Used in Implementation if any:**	Capital Budget

Three Alternatives Considered (including No Action)			
Alternatives:	**Action**	**Estimated Cost**	**Evaluation**
	No Action	$0	Problem continues.
	Install solar panels	High	Unstable energy source
	Generator	High	Best option

Progress Report (for plan maintenance)	
Date of Status Report:	
Report of Progress:	
Update Evaluation of the Problem and/or Solution:	

Evaluation and Prioritization		
Project Name:	Backup Power at the Airport Main Hanger and Vault	
Project Number:	2022-Town of North Dansville-008	
Criteria	**Numeric Rank (-1, 0, 1)**	**Provide brief rationale for numeric rank when appropriate**
Life Safety	0	
Property Protection	1	
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	0	
Environmental	0	
Social	0	
Administrative	1	
Multi-Hazard	1	
Timeline	1	
Agency Champion	1	
Other Community Objectives	1	
Total	10	
Priority (High/Med/Low)	High	

Action Worksheet			
Project Name:	Dansville Diversion Channel		
Project Number:	2022-Town of North Dansville-011		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood		
Description of the Problem:	Floodwaters in the Town flow to the Village of Dansville, causing increased impacts.		
Action or Project Intended for Implementation			
Description of the Solution:	Build a diversion channel/canal to divert flood waters from the flood-prone Village of Dansville.		
Is this project related to a Critical Facility?	Yes ☐	No ☒	
Is this project related to a Critical Facility located within the Special Flood Hazard Area?	Yes ☐	No ☒	
(If yes, this project must intend to protect to the 500-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	0.2% annual chance flood	**Estimated Benefits (losses avoided):**	Decrease flood impacts to populated area; lower flood losses
Useful Life:	30 years	**Goals Met:**	1,2
Estimated Cost:	High	**Mitigation Action Type:**	Structural and Infrastructure Project
Plan for Implementation			
Prioritization:	Med.	**Desired Timeframe for Implementation:**	Within 4 years
Estimated Time Required for Project Implementation:	2 years	**Potential Funding Sources:**	Town budget; BRIC; HMGP
Responsible Organization:	FPA	**Local Planning Mechanisms to be Used in Implementation if any:**	Capital Improvement

Three Alternatives Considered (including No Action)			
Alternatives:	**Action**	**Estimated Cost**	**Evaluation**
	No Action	$0	Problem continues.
	Elevate all structures	High	Cost prohibitive
	Diversion channel	High	Selected alternative

Progress Report (for plan maintenance)	
Date of Status Report:	
Report of Progress:	
Update Evaluation of the Problem and/or Solution:	

Evaluation and Prioritization		
Project Name:	Dansville Diversion Channel	
Project Number:	2022-Town of North Dansville-011	
Criteria	**Numeric Rank (-1, 0, 1)**	**Provide brief rationale for numeric rank when appropriate**
Life Safety	1	
Property Protection	1	
Cost-Effectiveness	1	
Technical	1	
Political	0	
Legal	0	
Fiscal	-1	
Environmental	0	
Social	1	
Administrative	1	
Multi-Hazard	0	
Timeline	0	
Agency Champion	0	
Other Community Objectives	1	
Total	6	
Priority (High/Med/Low)	Medium	

Action Worksheet			
Project Name:	Bury Power Lines		
Project Number:	2022-Town of North Dansville-013		
Risk / Vulnerability			
Hazard(s) of Concern:	Severe Storm, Severe Winter Storm, Utility Failure		
Description of the Problem:	Overhead power lines can be damaged by falling debris and ice accumulation, causing power outages.		
Action or Project Intended for Implementation			
Description of the Solution:	Work with utility companies and developers to bury utility lines underground, wherever possible.		
Is this project related to a Critical Facility?	Yes ☐	No ☒	
Is this project related to a Critical Facility located within the Special Flood Hazard Area?	Yes ☐	No ☒	
(If yes, this project must intend to protect to the 500-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	TBD	**Estimated Benefits (losses avoided):**	Power service is maintained during emergencies
Useful Life:	50 years	**Goals Met:**	1,2
Estimated Cost:	High	**Mitigation Action Type:**	Structural and Infrastructure Project
Plan for Implementation			
Prioritization:	Medium	**Desired Timeframe for Implementation:**	Within 1 year
Estimated Time Required for Project Implementation:	6 months	**Potential Funding Sources:**	Staff time for analysis and outreach; HMGP and BRIC for project work
Responsible Organization:	Engineer	**Local Planning Mechanisms to be Used in Implementation if any:**	Capital Improvement

Three Alternatives Considered (including No Action)			
Alternatives:	**Action**	**Estimated Cost**	**Evaluation**
	No Action	$0	Problem continues.
	Install backup power at each facility	High	Cost prohibitive
	Bury utility lines	High	Most effective

Progress Report (for plan maintenance)	
Date of Status Report:	
Report of Progress:	
Update Evaluation of the Problem and/or Solution:	

Evaluation and Prioritization		
Project Name:	Bury Power Lines	
Project Number:	2022-Town of North Dansville-013	
Criteria	**Numeric Rank (-1, 0, 1)**	**Provide brief rationale for numeric rank when appropriate**
Life Safety	0	
Property Protection	1	
Cost-Effectiveness	0	
Technical	1	
Political	1	
Legal	1	
Fiscal	0	
Environmental	0	
Social	0	
Administrative	1	
Multi-Hazard	1	
Timeline	0	
Agency Champion	0	
Other Community Objectives	1	
Total	7	
Priority (High/Med/Low)	Medium	