

# Town of Amboy

This section presents the jurisdictional annex for the Town of Amboy for the 2025 Oswego County Hazard Mitigation Plan (HMP). It includes information and guidance intended to assist public and private entities in reducing losses from future natural hazard events. This jurisdictional annex focuses on actions that can be implemented prior to a natural hazard event to reduce adverse impacts to people and property; it is not intended to serve as guidance for what to do when a natural hazard event occurs or how to recover following a natural hazard event. This jurisdictional annex provides an overview of the community and its critical facilities, evaluates the community's vulnerability to various natural hazards, assesses the community's existing capability to mitigate natural hazards, and identifies actions that could be implemented to mitigate natural hazard risks and, ultimately, reduce damages to people and property resulting from natural hazard events.

## 1 CONTACT INFORMATION

The primary contacts for Oswego County regarding this Jurisdictional Annex are identified as follows:

- Primary: Holly Humphries, Deputy Town Supervisor | deputysupervisor@amboyny.org, 315-402-7321
- Alternate: Kathy Wilkinson, Town Supervisor | supervisor@amboyny.org, 315-964-1100

Town Website: <https://amboyny.org>

## 2 COMMUNITY SNAPSHOT

### 2.1 Demographics

The 2020 Census estimated that 1,245 people live in the Town of Amboy. The Town's population has decreased by 1.4% since the 2010 Census (1,263). The median age in the Town is 46.7 years and 15.6% of the population is over the age of 65. The median household income in the Town is \$56,339.

### 2.2 Location & Land Characteristics

The Town of Amboy is located in the eastern portion of Oswego County and is bordered by the Town of Williamstown to the north, Parish to the west, Constantia to the south, and the Town of Camden (Oneida County) to the east. The Town covers approximately 37.6 square miles. The properties within the Town have a total assessed value of approximately \$74,711,878, which is distributed across a variety of property classes.

Major transportation corridors in the Town include SR 23, SR 183, SR 69, CR 28, CR 17A, and CR 56, as described in Section 2.4 of the main body of the HMP. Key water features within the Town include Coan

Pond, North Pond, South Pond, Chase Pond, Hotel Pond, Carterville Pond, Panther Lake, Wells Brook, Rowell Brook, Little River, and the Scriba Creek.

## **2.3 Governing Body**

The Town of Amboy is governed by a Town Board consisting of a supervisor and 4 board members.

## **2.4 Recent and Anticipated Future Development**

*According to a review of 239 Referrals since the last County HMP (2020), new developments have been approved or proposed within the Town. The proposals that the Town received are summarized in Table 2-1 below. At least 3 of the proposals for the Town are located in the Special Flood Hazard Area (1% annual chance flood event area) or the Moderate Flood Hazard Area (0.2% annual chance flood event area). These developments may affect the Town's vulnerability to the hazards identified in this HMP.*

Table 2-1. Developments from 2020 to 2023

Date	Request	Location	Applicant	Referring Agency	Decision	Located in 1% or 0.2% Annual Chance Flood Event Area?
11/9/21	Area Variance	Municipal Boundary	Andrew Mathews	ZBA		No
3/16/22	Area Variance	County Rt. 17	Patricia Stace		No Significant Community Impact	Yes
4/18/23	Area variance	Municipal Boundary	Maureen & Ozzie Mocete	Tom Vona	No Significant Community Impact	Yes
12/21/23	Subdivision and Area Variance	CR 26	Tom Vona	Tom Vona	No Significant Community Impact	Yes

Of the three developments that were located in the 1% or 0.2% Annual Chance Flood Event Area, none of them were deemed to have a significant impact on the community or the floodplains.

# 3 CAPABILITIES ASSESSMENT

## 3.1 Planning Mechanisms and Capabilities

The Town of Amboy identified the following planning mechanisms and capabilities that can support the Town in hazard mitigation efforts. These capabilities can be used to support the mitigation strategy in several ways. For example, administrative capabilities can assist in implementing the mitigation actions as identified in the mitigation strategy. Existing building codes and land use regulations provide a foundation for mitigation planning and provide guidelines for infrastructure repair, new developments, and other actions. Educational programs may be developed further in order to more fully incorporate hazard mitigation. Table 3-1 elaborates on existing building codes, land use and development ordinances/regulations, and many other capabilities which can support hazard mitigation.

Table 3-1. Planning Mechanisms & Capabilities

Planning Mechanism	In Place? (Yes/No)	Notes (Does the plan address hazards? Can the capability be used to implement mitigation actions? When was it last updated?)
<b>Administration</b>		
Maintenance Programs	Yes	Storm drainage; ditch; vegetation;
Mitigation Planning Committee	No	
Mutual Aid or Shared Services Agreements	Yes	With Oswego County and neighboring jurisdictions;
Planning Board	Yes	
Zoning Board	Yes	
<b>Development Approvals</b>		
Building Code	Yes	NYS Standards
Fire Department ISO Rating	Yes	Altmar 8B/10; West Amboy 8B/10
Site Plan Review Requirements	Yes	Article 6
<b>Funding Resources</b>		
Authority to Levy Taxes	Yes	
Capital Improvement Project Funds	Yes	
Federal Funding Programs (i.e., USDA, FEMA, others)	Yes	ARPA; DOT (CHIPS);
General Obligation Bonds and/or Special Tax Bonds	No	
Impact Fees for New Development	No	
State Funding Programs (i.e., NYSEFC, NYSOCR, NYSDEC, others)	No	
Utility Fees (i.e., water, sewer, stormwater, gas, electric)	No	
<b>Land Use Regulations</b>		

Planning Mechanism	In Place? (Yes/No)	Notes (Does the plan address hazards? Can the capability be used to implement mitigation actions? When was it last updated?)
Density Controls	Yes	Article 4. General Regulations
Flood Insurance Rate Maps	Yes	FEMA - 2013
NFIP Participant / Floodplain Ordinance	Yes	
Hillside Development Regulations	Yes	Erosion control and camping vehicles
Open Space Preservation	No	
Stormwater Management Regulations	Yes	Erosion control
Streambank Setback Regulations	Yes	
Subdivision Regulations	Yes	Adopted 2024
Zoning Ordinance	Yes	Zoning Law adopted 12/2021

Natural Resources		
Forest/Vegetation Management	No / Yes	Some vegetation mgmt.
Stream Corridor Management	Yes	Article 7: Special Use Permits
Stream Dumping Regulations	No	Follows DEC Regulations
Urban Forestry and Landscape Management	No	
Watershed Management	Yes	Watershed Protection Plan (County)
Wetland Regulations	No	Follows DEC Regulations

Plans		
Capital Improvement Plan	No	
Comprehensive Emergency Management Plan	Yes	2017
Comprehensive Plan	Yes	Adopted 2021
Continuity of Operations Plan	No	
Economic Development Plan	No	

Programs/Organizations		
Climate Smart Community	No	
Local Emergency Preparedness / Disaster Response Organizations	Yes	FD West Amboy
Local Environmental Protection Organizations	No	
National Weather Service StormReady Certification	Yes	Via the county
Outreach Programs	Yes	FD
Partnerships with private entities addressing mitigation or disaster response	No	
School Programs or Adult Educational Programs	Yes	FD

### Staff Positions

Planning Mechanism	In Place? (Yes/No)	Notes (Does the plan address hazards? Can the capability be used to implement mitigation actions? When was it last updated?)
Civil Engineer	No	
Code Enforcement Officer	Yes	
Emergency Manager	Yes	Town Supervisor
Floodplain Administrator	Yes	Code Enforcement Officer
Planner/GIS Coordinator	Yes	Tug Hill Commission (GIS)
<b>Technical Abilities</b>		
Grant Writing	No	
Hazard Information Centers	No	
Hazard Warning Systems	Yes	HyperReach;

### 3.2 Integration of Planning Efforts

The Town of Amboy understands the importance of considering an integrated approach when developing municipal plans, policies, programs, and regulations. The Town intends to reference the 2025 Oswego County HMP as part of the process for future updates to the plans, policies, programs, and regulations listed in Table 3-1, above, and for creating new regulations as applicable. This may include adding hazard mitigation as an agenda item at Town Board meetings where local laws are being developed or updated, including hazard mitigation considerations in any templates used to make new laws, adopting an ordinance that all new local laws need to consider hazard mitigation if applicable, or simply making local officials aware of the need to consider hazard mitigation in any plan updates. Additionally, the Town of Amboy may use the local laws assessment (included in Section 4 of the main body of the HMP) to reference hazard mitigation related regulations that other jurisdictions in the County have adopted, and consider implementing similar regulations if desired.

## 4 HAZARD IDENTIFICATION AND RISK ASSESSMENT

### 4.1 Profiled Hazards

The following scale was developed to determine hazard vulnerability for the jurisdiction. Each event was given a ranking from one (1) through three (3) for the severity of impact based on extent, onset warning, impact in damages and injury, and frequency: three (3) represents the greatest impact (large area, no warning, severe damage, and regular occurrence); two (2) represents moderate impact (several locations, hours of warning, moderate damage, and infrequent occurrence); and one (1) represents low impact (one location, days of warning, minor damage, and rare occurrence). The scores for each of these four (4) categories were used to assign an overall vulnerability for each hazard, as follows:

- Low: 5 or less
- Moderate: 6 to 8
- High: 9 or greater

The hazard analysis criteria used to evaluate the Town's vulnerability to each natural hazard are summarized in *Table 4-1*, and the results are presented in *Table 4-2*.

Table 4-1. Hazard Analysis Criteria

Score	Impact (Damage to property, crops, people)	Frequency	Extent	Amount of Warning	Total Score	Overall Vulnerability
1	Minor	Rare	One or two problem areas within the jurisdiction	Days of Warning	4 to 5	Low
2	Moderate	Infrequent	A significant portion of the jurisdiction	Hours of Warning	6 to 8	Moderate
3	Major	Regular	The entire jurisdiction	No Warning	9 to 12	High

Table 4-2. Hazard Vulnerability by Event

Hazard Event	Impact (Damage to property, crops, people, etc.)	Frequency of Occurrence	Extent of Impacts	Amount of Warning	Overall Vulnerability	Jurisdiction Rank	Notes (Anticipated Future Changes)
Severe Winter Storm	3	3	3	1	10 (High)	1	
Flooding	3	3	2	2	10 (High)	2	
Severe Thunderstorm/ Windstorm/ Hail	2	3	3	2	10 (High)	3	

**Extreme Temperatures:** The Town did not profile extreme temperatures as a hazard because historical data indicates minimal local impacts on infrastructure, public health, or essential services.

**Ice Storms:** The Town did not profile ice storms as a hazard because past events have had minimal impact, and existing mitigation efforts effectively address potential risks.

## 4.2 Hazard Event History

A complete history of natural hazard events within the County – based on NOAA’s Severe Storm Database – is included in Section 6 of the main body of the HMP. The following is a subset of events that occurred specifically within the Town/Village. These records informed the development of mitigation actions by demonstrating which hazards have historically had the greatest impact on the Town.

Table 4-3. Hazard Event Records, 2013-2023

Event Type	Date	Magnitude	Estimated Property Damage	Estimated Crop Damage
Thunderstorm Wind	7/20/2021	51	\$15,000	-
Hail	8/12/2017	1.88 inch	\$5,000	-
Thunderstorm Wind	7/14/2017	100 kts	\$20,000	
Thunderstorm Wind	6/18/2017	50kts	\$10,000	
Thunderstorm Wind	6/3/2014	50kts	\$10,000	
Thunderstorm Wind	9/11/2013	50kts	\$10,000	
<b>Total</b>			<b>\$70,000</b>	<b>None Reported</b>

Note: The table above lists only the hazard events that were recorded as occurring specifically within the Town. For records of County-wide hazard events, see the Oswego County Annex.

## 4.3 Floodplain Statistics

Key waterways in the Village are described in Section 2.2. FEMA provides flood insurance rate maps for the municipality and GIS data on the spatial location of floodplains. The 1% annual chance (100-year) flood event area generally corresponds with areas that are at high risk of flooding, and the 0.2% annual chance (500-year) flood event area generally corresponds with areas that are at moderate risk of flooding. Out of the 23,557 acres in the Town, approximately 10.96% are located within the 1% annual chance flood event area and approximately <0.01% are located within 0.2% annual chance flood event area. The estimated number and structure value of parcels in the municipality that intersect mapped floodplains are summarized in Table 4-5. 368 parcels in the Town are located within the 1% annual chance flood event area, with an estimated total structure value of \$15,552,900. 1 parcels in the Town are located within the 0.2% annual chance flood event area, with an estimated total structure value of \$0.

Table 4-4. Summary of Areas in Floodplains

Town of Amboy Total Area (acres)	Percentage of Total Area		
	100-Year Floodplain	500-Year Floodplain	Area of Minimal Flood Hazard
<b>23,557</b>	10.96%	<0.01%	89.03%

Table 4-5. Estimated Number and Structure Value of Parcels within Floodplains

Property Class	Parcels in 100-Year Floodplain	Approx. Structure Value* in 100-Year Floodplain	Parcels in 500-Year Floodplain	Approx. Structure Value* in 500-Year Floodplain
Agriculture	7	\$18,000	0	\$0
Residential	218	\$14,222,200	0	\$0
Vacant Land	123	\$139,200	1	\$0
Commercial	1	\$25,200	0	\$0
Recreation	4	\$691,900	0	\$0
Community Services	2	\$198,800	0	\$0
Industrial	0	\$	0	\$0
Public Services	0	\$	0	\$0
Parks, forested, conservation	13	\$257,600	0	\$0
<b>Total</b>	<b>368</b>	<b>\$15,552,900</b>	<b>1</b>	<b>\$0</b>

\*Structure Value estimated by subtracting parcel Land Assessed Value from Total Assessed Value

### 4.4 National Flood Insurance Program

Long-term mitigation of potential flood impacts can be best achieved through comprehensive floodplain management regulations and enforcement at a local level. The National Flood Insurance Program (NFIP), regulated by FEMA, aims to reduce the impact of flooding on private and public structures by providing affordable insurance for property owners. The program encourages local jurisdictions to adopt and enforce floodplain management regulations in order to mitigate the potential effects of flooding on new and existing infrastructure (<https://www.fema.gov/flood-insurance>).

Communities that participate in the NFIP adopt floodplain ordinances. If an insured structure incurs damage costs that are over 50% of its market value, the owner must comply with the local floodplain regulations when repairing or rebuilding the structure. A structure could be rebuilt at a higher elevation, or it could be acquired and demolished by the municipality or relocated outside of the floodplain. Insured structures that are located within floodplains identified on FEMA’s Flood Insurance Rate Maps (FIRMs) may receive payments for structure and content losses if impacted by a flood event.

The NFIP and other flood mitigation actions are important for the protection of public and private property and public safety. Flood mitigation is valuable to communities because it:

1. Creates safer environments by reducing loss of life and decreasing property damage;
2. Allows individuals to minimize post-flood disaster disruptions and to recover quicker (homes built to NFIP standards generally experience less damage from flood events, and when damage does occur, the flood insurance program protects the homeowner’s investment); and
3. Lessens the financial impacts on individuals, communities, and other involved parties (<https://www.fema.gov/flood-insurance>).

The Town of Amboy currently participates in the NFIP (community ID 361260), and its current FIRM(s) became effective on 06/18/2013. The Town joined the NFIP on this same date. There were no compliance issues identified in this hazard mitigation planning process. The Town will continue to comply with the NFIP by enforcing floodplain management requirements and regulating new development in special flood hazard areas, among other required duties. Staff capabilities to implement the NFIP and local floodplain regulations are listed in Table 3-1 of this annex.

According to NFIP claims data provided by FEMA, there are 0 repetitive loss properties in the Town of Amboy.

## 4.5 Considerations for Future Hazards

The Town also considered future changes in hazards due to climate change, population changes, land use, and other factors. They identified the following concerns: An increase in flooding and icing. These concerns were taken into consideration when developing the mitigation strategy. The effects of climate change and other factors on future hazard events in Oswego County are covered in more detail in Section 6 of the main body of the HMP.

Climate change predictions depend on the amount of global greenhouse gas emissions, as well as other factors. However, based on the [Climate Mapping For Resilience and Adaptation tool](#), it is predicted that Oswego County will experience:

- **More extreme heat** (14 to 20 days per year above 90 degrees Fahrenheit by mid-century [2035-2064], compared with 12 to 17 days per year in modeled history [1976-2005], according to mid-level projections).
- **Slightly more dry days** (4.9 to 6.9 more days per year with no precipitation by mid-century [2035-2064], compared with 1976-2005, according to mid-level projections. Maximum consecutive dry days increases by 0.5 to 0.8 days per year for the same time period).
- **Slightly fewer wet days, but slightly more heavy precipitation events** (4.9 to 6.9 fewer days per year with any precipitation by mid-century [2035-2064], compared with 1976-2005, according to mid-level projections. 5.6 to 6.0 days per year that exceed 99th percentile precipitation by mid-century, compared to 4.1 to 4.2 days per year from 1976-2005; 47.9 to 48.4 inches of average annual total precipitation by mid-century [2023-2064], an additional 2.2 to 2.7 inches per year average annual total precipitation compared with 1976-2005).
- **Fewer cold days** (35.1 to 31.5 days per year with maximum temperature below 32 degrees Fahrenheit by mid-century [2035-2064], compared with 10.8 to 18.1 days per year in modeled history [1976-2005], according to mid-level projections).

# 5 ASSETS AND VULNERABILITIES

## 5.1 Critical Facilities

Critical facilities include any facility that is critical for emergency response or that requires a special emergency response in the event of hazardous incidents as identified by the Town of Amboy. These critical

facilities include community lifelines, such as fire departments, EMS services, police stations, water and wastewater services, medical facilities, highway garages, and hazardous materials. They also include facilities such as Town and Village halls, schools, and senior centers. In the hazard mitigation planning process, each jurisdiction ultimately decided which facilities they consider to be critical facilities for their community.

Table 5-1 denotes the name, type, and location of the critical facilities within the Town of Amboy, and any particular vulnerabilities of note. More information about hazard vulnerability, including a tool for understanding the vulnerability of community assets to events of varying magnitudes, is included in Section 7 of the main body of the HMP. Additional vulnerabilities by location are assessed in the HAZUS analysis, included in the appendices of the HMP.

Table 5-1. Critical Facilities

Facility Name	Facility Type	Address	In Flood Area?	Protected to a flood event or worst?	If it is not protected, identify action or why infeasible.
Amboy Town Hall	Municipal Services	822 NY-69, Williamstown, NY 13493	No		
Town Highway Garage	Municipal Services	2391 CR 23, Williamstown, NY 13493	No		
Amboy Fire Dept	Emergency and Medical Services	10 Cusson Dr, West Monroe, NY 13167	No		
EMS Helipad	Emergency and Medical Services	Amboy Town Park off County Rt 23	Yes	No	Assess critical properties in the 100/500 year floodplains. Investigate properties for resilient site improvements.
Amboy Historical Society	Municipal Services	CR 23 (Next to highway garage)			
Panther Lake Association (Warming Station)	Community Service, Shelter and Evacuation Facilities	Off of County Rt 17	No		
Amboy Center United Methodist Church	Community Service	1 NY-183, Williamstown, NY 13493	No		
Amboy 4-H Environmental Education Center	Educational, Shelter and Evacuation Facilities	748 State Rt 183, Williamstown, NY 13493	Yes	No	Assess critical facilities / properties in the 100/500 year floodplains. Investigate retrofitting opportunities and assess the properties for resilient site improvements.
Panther Lake Association	Educational, Shelter and Evacuation Facilities		No		
West Amboy Community Church	Community Service	1267 CR 26, Williamstown, NY 13493	No		
Chase Dam	Dams	Scriba Creek, off of Tanner Rd	N/A		
Carterville Dam	Dams	Little River, off of CR 17	N/A		
Daniel F Whitcomb Pond Dam	Dams	Little River, off of CR 17A	N/A		
Bryant Dam	Dams	Little River, off of Cable Rd	N/A		
Merle Gansert Wildlife Marsh Dam	Dams	Trib. to N. Branch Little Salmon River, off of Garcia Rd	N/A		
Harry Bryant Wildlife Pond Dam	Dams	Trib. to Wells Brook, off of Mellon Rd	N/A		

For facilities that are not protected to a 0.2% annual chance (500-year) flood event or previous worst case flood event, namely the EMS Helipad and Amboy 4-H Environmental Education Center, associated actions are included in Section 7: Mitigation Strategy and Prioritization.

## **5.2 High Hazard Potential Dams**

The Town of Amboy does not have any high hazard potential dams located within the municipal boundaries.

## **5.3 Additional Jurisdiction/Public Identified Vulnerabilities**

In addition to critical facilities, it is important to take a holistic approach to identifying assets in the jurisdiction and how they may be vulnerable to the hazards identified in the HMP. Examples of other assets considered include:

- People (residents, workers, visiting populations, and socially vulnerable populations like seniors, individuals with disabilities, lower-income individuals, etc.)
- Other structures (community centers, historic places, planned capital improvement)
- Economic assets (major employers, primary economic sectors, key infrastructure like telecommunications networks)
- Natural, historic and cultural resources (areas of conservation, beaches, parks, critical habitats)
- Critical facilities and infrastructure (hospitals, law enforcement, water, power)
- Community activities (major local events such as festivals or economic events like farming or fishing)

*The Town of Amboy has not identified any specific additional assets aside from critical facilities listed in Table 5-1, but has taken the above example assets into consideration during the development of this annex.*

## **6 SUMMARY OF HAZARD IMPACTS AND VULNERABILITIES**

### **6.1 Severe Winter Storm**

The Town of Amboy has ranked their overall vulnerability to a severe winter storm event as high, as indicated in Table 4-2. Severe winter storms occur regularly in the jurisdiction and affect the entire jurisdiction, causing major damage. The jurisdiction gets Days of Warning for severe winter storm events.

Records of severe winter storm events are described in Section 4.2. Impacts to the Town from severe winter storm events include fallen trees from severe winds, which can damage overhead utility lines, resulting in power outages. These events are likely to result in damages to private and public infrastructure and property. In addition, during severe winter storm events, roadway safety is a primary concern and impacts the safety of residents and operation of critical facilities. Damages to the Town's critical infrastructure or primary transportation routes would be most impactful to residents. Winter storm damages would primarily impact the more populated portions of the Town. The Town completes tree maintenance within Town road right of ways to minimize potential damages to overhead utility lines. Private utility right-of-ways are generally maintained by individual utility companies. Plowing is the responsibility of the Town Highway Department. The Town also depends on surrounding jurisdictional agreements and partnerships for plowing of state, county, as well as some town and local roads.

Future vulnerability to severe storm events remains moderate, is expected to increase, and may be affected by climate change, land use, and population changes, as described in Section 4.4 of this annex and in Section 6 of the main body of the HMP.

### **6.2 Flood**

The Town of Amboy has ranked their overall vulnerability to a flood event as high, as indicated in Table 4-2. Flood events occur regularly in the jurisdiction and affect a significant portion of the jurisdiction, causing major damage. The jurisdiction gets Hours of Warning for flood events.

Information on flood event records (Section 4.2), high hazard potential dams (Section 5.2), floodplain statistics (Section 4.3), and participation in the NFIP (Section 4.4) are described above, illustrating the impact of flooding on critical facilities and other structures.

Future vulnerability to flood events remains high, is expected to increase, and may be affected by climate change, land use, and population changes, as described in Section 4.4 of this annex and in Section 6 of the main body of the HMP.

## 6.3 Severe Storm

The Town of Amboy has ranked their overall vulnerability to a severe storm event as high, as indicated in Table 4-2. Severe storms occur regularly in the jurisdiction and affect the entire jurisdiction, causing moderate damage. The jurisdiction gets Hours of Warning for severe storm events.

Records of severe storm events are described in Section 4.2. Impacts to the Town from severe storm events include fallen trees from severe winds, which can damage overhead utility lines, resulting in power outages. These events are likely to result in damages to private and public infrastructure and property. In addition, during severe winter storm events, roadway safety is a primary concern and impacts the safety of residents and operation of critical facilities. Damages to the Town's critical infrastructure or primary transportation routes would be most impactful to residents. Storm damages would primarily impact the more populated portions of the Town. The Town completes tree maintenance within Town road right of ways to minimize potential damages to overhead utility lines. Private utility right-of-ways are generally maintained by individual utility companies.

Future vulnerability to severe storm events remains high, is expected to increase, and may be affected by climate change, land use, and population changes, as described in Section 4.4 of this annex and in Section 6 of the main body of the HMP.

## 6.4 Jurisdictional Priorities

Taking into account the identified natural hazards, potential impacts, assets, and vulnerabilities identified above, key vulnerabilities and priorities to be addressed in this HMP were identified for the Town.

Top concerns about hazard mitigation in the Town included:

- Winter storms;
- Flooding; and
- Thunderstorms.

The following populations were identified as being particularly vulnerable to hazards:

- Seniors throughout the Town;
- Low income population (manufactured home communities); and
- People using campers as residences (illegally).

The plan was revised to reflect the following changes in community priorities since the 2020 HMP Update:

- An Increase in flooding; and
- Icing.

Additional concerns that the Town would like addressed in the plan include:

- Little pond road is sinking, in a swamp, and not safe;
- The need for a road safety management plan (inventory of each road);
- Beaver Dam issues (Stonehill Road); and

- The need for Electronic Billboards.

## **6.5 Additional Impacts**

Additional impacts of the hazards are summarized in the problem descriptions in Appendix I: New Mitigation Actions – Review spreadsheet.

# 7 MITIGATION STRATEGY AND IMPLEMENTATION

## 7.1 Past, Completed, and Ongoing Initiatives

The Town proposed 2 mitigation actions in the 2020 Oswego County HMP Update. The status of each action is summarized in Table 7-1, below.

Table 7-1. Status of 2020 Mitigation Actions

Name	Description	Hazard(s) Mitigated	Lead Agency	Status (Completed, In Progress, No Progress, Discontinued)	Carried into 2025 HMP Update? (Yes/No)
Backup Power	Provide a backup power source for Town Hall and Town Barn (shelter locations)	All	Town Supervisor*	Completed	No
Tanner Rd Culvert Installation	Tanner Rd Culvert Installation	Flood	Town Highway, Superintendent*	Completed	No

## 7.2 New Mitigation Actions

In addition to the actions carried over from the 2020 HMP, the Town of Amboy identified new mitigation actions for inclusion in the 2025 HMP Update, in conjunction with the project team. First, a list of actions was brainstormed based on the capabilities, hazard identification, impacts, and vulnerabilities described above. This included consideration to the ways that the Town of Amboy could expand and improve the identified capabilities to achieve mitigation, as described in Section 3 of this annex. Then, a more comprehensive range of actions were evaluated as described in Section 8 of the main body of the HMP. Finally, actions that tied in most closely with the vulnerabilities identified by the Town were selected for inclusion in the HMP.

The Town proposed 6 new mitigation actions to be included in the 2025 HMP update. These actions are included in Table 7-2 below, and described in more detail in the Mitigation Action – Review spreadsheet (Appendix I).

Table 7-2. New Mitigation Actions

Project #	Project Name	Goal/ Objective being Met	Hazard to be Mitigated	Description of the Problem	Description of the Solution	Related to CF?	EHP Issues*	Estimated Timeline	Lead Agency	Estimated Costs**	Estimated Benefits	Potential Funding Sources	Priority
A2.F1	Beaver Dam Maintenance Plan	G2, G3	Flooding	Beaver dams are an issue in town and have caused flooding in yards and over roads.	Develop a Beaver Dam Maintenance Plan which works with private property owners and municipal neighbors on preventing and removing beaver dams.	No	Maybe - location based action	1 - 3 years	Highway Department	\$\$	This action reduces the flood risk that beaver dams pose during severe thunderstorms to the municipality.	US HMGP, US BRIC, NYS HMLRF, Flood Mitigation Assistance Program, FEMA HHPD Grant Program	High
A2.F2	Critical Facility Assessments to Flooding	G3	Flooding	The following facilities/properties are not protected to 100/500 year floodplains: EMS Helipad; and Amboy 4-H Environmental Education Center.	Assess critical facilities/properties in the 100/500 year floodplains, specifically the EMS Helipad and Amboy 4-H Environmental Education Center. Investigate retrofitting opportunities and assess the properties for resilient site improvements.	Yes	Maybe	3-5 Years	Highway Department	\$	Assessing the Town's critical facilities for their level of protection against a 0.2% chance flood event (or previous worst case flood event, if applicable), is a first step to ensuring that these facilities remain operable during and after flooding events, reducing the overall risk to people and infrastructure.	US HMGP, US BRIC, US Flood Mitigation Assistance, US HUD CDBG-MIT, NYS HMLRF	Medium
A2.F3	Drainage Improvement Study	G2, G3	Flooding	Little Pond Road is sinking and has experienced flooding and drainage issues for many years; sometimes flooding over the road causing long term shut downs of the road.	Study causes for flooding at Little Pond Road. Possible solutions may be elevating the road or improving the drainage system.	No	No	1 Year	Town Supervisor, Town Highway Department	\$	A drainage improvement study can identify areas vulnerable to flooding and drainage issues, allowing targeted interventions to mitigate risks, enhance infrastructure resilience, and minimize property damage during storms, benefiting both residents and local authorities.	NYSEFC Clean Water State Revolving Fund, NYSEFC WIIA, CDBG, USDA Rural Development, NYSDEC WQIP, EPA Congressional Earmark Funds, Bipartisan Infrastructure Law Funding	High

Project #	Project Name	Goal/ Objective being Met	Hazard to be Mitigated	Description of the Problem	Description of the Solution	Related to CF?	EHP Issues*	Estimated Timeline	Lead Agency	Estimated Costs**	Estimated Benefits	Potential Funding Sources	Priority
A2.T1	Inspection / Right-sizing of Culverts	G3, G4	Severe Thunderstorm	Existing culverts within the Town of Amboy are not sized appropriately, resulting in increased flood risk.	Assess the condition, size, and effectiveness of culverts within the Town with a focus on increasing the size of culverts/storm drains.	No	Maybe	1-3 years	Town Supervisor, Highway Department	\$\$	Appropriately resizing culverts will allow for more efficient flow of water during flood events, reducing the extent of flooding and the risk of damage to and closure of bridges, roadways, and other infrastructure.	US CDBG-MIT, US HMGP, US Flood Mitigation Assistance, NYS HM RLF	Medium
A2.WS1	Road Inventory Plan	G1, G3, G4	Severe Winter Storm	The town currently relies on outdated, paper-based road inventory which is unreliable for tracking road conditions and maintenance, limiting its ability to effectively manage assets and mitigate hazards.	Develop a digital road inventory system to track road conditions, culverts, and repairs, improving asset management and enabling proactive maintenance to reduce risks from future natural hazards.	Yes	Maybe - location based action	1-3 years	Town Supervisor, Deputy Town Supervisor, Highway Department	\$	The plan enables timely maintenance, reduces infrastructure failure during natural hazards, enhances response capabilities, and minimizes repair costs by tracking conditions and prioritizing updates for vulnerable areas.	US HMGP, US BRIC, US Flood Mitigation Assistance, NYS HM RLF	High
A2.WS2	Electronic Billboard / Message Board	G2, G4	Severe Winter Storm	The Town lacks physical warning systems during emergencies such as an electronic sign / billboard.	Install an electronic billboard or variable message board at Town Hall or other town owned properties.	Yes	No	6 months - 1 year	Town Supervisor	\$\$	Installing an electronic billboard/message board enhances emergency communication during severe weather events. It provides real-time updates and instructions to residents, improving public awareness and safety measures, ultimately minimizing risks and facilitating swift responses to emergencies.	Town Board; FEMA HMGP	Medium

\*EHP: Environmental Planning and Historical Preservation.

\*\*Estimated Costs: \$=Low <\$10,000; \$\$=Medium \$10,000-\$100,000; \$\$\$=High >\$100,000.

### **7.3 Mitigation Action Prioritization**

Each of the Town’s proposed mitigation actions were evaluated and prioritized according to the criteria listed in Section 8 of the main body of the HMP. This includes a cost-benefit review of the proposed actions.

### **7.4 Mitigation Action Implementation and Administration**

The Town’s new mitigation actions will be implemented and administered as described in Section 9 of the main body of the HMP. This section includes additional potential funding sources for consideration by each jurisdiction.

## **8 ADDITIONAL PUBLIC INVOLVEMENT**

Public input was solicited to guide the development of the HMP through two public information meetings and a community survey. A summary of the findings of these outreach activities can be found in Section 3 of the main body of the HMP. The Town of Amboy may continue to seek public participation in hazard mitigation planning after HMP approval by including discussion of the HMP as an agenda item at public Town Board meetings and by offering opportunities for members of the public to participate in the implementation of relevant mitigation actions.