



## 9.32 TOWN OF UNADILLA

This section presents the jurisdictional annex for the Town of Unadilla. 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 municipality and who in the town participated in the planning process; an assessment of the Town of Unadilla’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.

### 9.32.1 Hazard Mitigation Planning Team

The following individuals have been identified as the Town of Unadilla’s hazard mitigation planning primary and alternate points of contact.

Primary Point of Contact	Alternate Point of Contact
Name: George DeNys Title: Supervisor Phone Number: 607-369-9285 Address: 1648 NY-7, Unadilla, NY Email: unadillasupervisor@gmail.com	Name: Rodney Renwick Title: Highway Superintendent Phone Number: (607) 369-5466 Address: 1648 NY-7, Unadilla, NY Email: rodneyrenwick@yahoo.com; rrenwick@townofunadilla.org
Floodplain Administrator	
Name: Lynn Wilcox Title: Flood Control Officer Phone Number: 607-267-5412 Address: 1648 NY-7, Unadilla, NY Email: <a href="mailto:lwilcox@townofunadilla.org">lwilcox@townofunadilla.org</a>	

### 9.32.2 Municipal Profile



The Town of Unadilla was settled in 1770 but was destroyed during the American Revolution. It was re-established after the war. The Town of Unadilla was formed from part of the Town of Otsego in 1792. The town was later reduced in size as portions were taken away to form the Towns of Butternuts, Milford, and Oneonta in 1796, the Town of Otego in 1822, and an additional portion that was transferred to Butternuts in 1857. In 1827 the Village of Unadilla was incorporated.

The Unadilla Waterworks, Russ-Johnsen Site, and Andrew Mann Inn are listed on the National Register of Historic Places.

The Town of Unadilla lies along the southwestern border of Otsego County in western New York State. The Town of Unadilla has a total area of 46.6 square miles. The Susquehanna River flows south along the southern border of the town. The Unadilla River flows into the Susquehanna River at the southwest corner of the town. The Town of Unadilla is bordered to the north by the Town of Butternuts, to the south by Delaware County, to the east by the Town of Otego, and to the west by the Chenango County. There are several communities located within the town: Hughston Corner (hamlet), Riverside (hamlet), South Unadilla (hamlet), Unadilla Center (hamlet), and Wells Bridge (hamlet).



The estimated 2016 population was 3,423, which is a 4.9 percent increase in population from 2010 (3,264 persons). Data from the 2016 U.S. Census American Community Survey estimates that 5.7 percent of the town population is five years of age or younger, and 17.8 percent is 65 years of age or older. Approximately 10 percent of the town’s total population is identified as being below the poverty level. Communities must deploy a support system that enables all populations to safely reach shelters or to quickly evacuate a hazard area.

**Growth/Development Trends**

The Town of Unadilla did not note any residential/commercial development that has occurred since 2013, any planned major residential or commercial development, or any major infrastructure development anticipated in the next five years.

**Table 9.32-1. Growth and Development**

Property or Development Name	Type (e.g., Res., Comm.)	# of Units/Structures	Location (address and/or Parcel ID)	Known Hazard Zone(s)	Description/Status of Development
<b>Recent Development from 2013 to Present</b>					
None identified					
<b>Known or Anticipated Development in the Next Five (5) Years</b>					
None anticipated					

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

**9.32.3 Hazard Event History Specific to the Town of Unadilla**

Otsego County has a history of natural hazard events as detailed in Volume I, Section 5.0 (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 Unadilla’s history of federally-declared (as presented by the Federal Emergency Management Agency [FEMA]) and significant hazard events (as presented in NOAA-NCEI) is consistent with that of Otsego County. Table 9.32-2 provides details regarding municipal-specific loss and damages the town experienced during hazard events. 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 (Risk Assessment) of this plan.

**Table 9.32-2. Hazard Event History**

Dates of Event	Event Type (Disaster Declaration if applicable)	Otsego County Designated?	Summary of Event	Municipal Summary of Damages and Losses
June 26–July 11, 2013	Severe Storms and Flooding (DR-4129)	Yes	A series of storms included severe thunderstorms, heavy rain, and flash flooding across central New York State and Otsego County.	Although the county was impacted, the Town of Unadilla did not report losses.
May 13–22, 2014	Severe Storms and Flooding (DR-4180)	Yes	On May 16, a slow-moving system brought heavy rainfall in the amounts of one to three inches in the region. This led to flash flooding, road washouts, and road closures in Otsego County.	A 9’ culvert had both ends washed out. One residence was flooded next to the culvert. Alton Deforest Road was closed for four days while temporary repairs were made. Total repair costs were near \$400,000.
November 17–27, 2014	Severe Winter Storm, Snowstorm, and Flooding (DR-4204)	No	A snowstorm developed on November 26. Snowfall amounts ranged from 7-11 inches across the county. The highest amount of 11 inches fell in Cooperstown.	Although the county was impacted, the Town of Unadilla did not report losses.



Dates of Event	Event Type (Disaster Declaration if applicable)	Otsego County Designated?	Summary of Event	Municipal Summary of Damages and Losses
March 14–15, 2017	Severe Winter Storm and Snowstorm (DR-4322)	Yes	Snowfall ranged between 3 and 4 feet inches in Otsego County. Many municipalities and counties declared states of emergencies and/or travel bans. New York State also declared a state of emergency.	30” Snow

Notes:

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

### 9.32.4 Hazard Ranking and Jurisdiction-Specific 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 hazards of greatest concern and risk to the Town of Unadilla. For additional vulnerability information relevant to this jurisdiction, refer to Section 5.0 (Risk Assessment).

#### Hazard Risk 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 5.0 (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 the highest level of concern.

As discussed in Section 5.3 (Hazard Ranking), each participating town or village may have differing degrees of risk exposure and vulnerability compared to Otsego County as a whole. Therefore, each municipality ranked the degree of risk to each hazard as it pertains to their community. The table below summarizes the hazard risk/vulnerability rankings of potential natural hazards for the Town of Unadilla. The Town of Unadilla 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 indicated the following:

- The town agreed with the calculated risk rankings.

**Table 9.32-3. Hazard Risk/Vulnerability Risk Ranking**

Hazard of Concern	County Hazard Ranking	Community Hazard Ranking
Drought	Medium	Medium
Earthquake	High	Medium
Extreme Temperature	High	High
Flood	Medium	High
Landslide	Low	Low
Severe Storm	High	High
Severe Winter Storm	High	High



Hazard of Concern	County Hazard Ranking	Community Hazard Ranking
Wildfire	High	High

Notes: The hazard ranking calculation is based on probability of occurrence and impacts on population, property, and the economy. Refer to Section 5.3 for the hazard ranking methodology.

### Critical Facilities Flood Risk

New York State Department of Environmental Conservation (NYSDEC) Statute 6 CRR-NY 502.4 sets forth floodplain management criteria for State projects located in flood hazard areas. The law states that no such projects related to critical facilities shall be undertaken in a Special Flood Hazard Area (SFHA) unless constructed according to specific mitigation specifications, including being raised 2’ above the Base Flood Elevation (BFE). This statute is outlined at <http://tinyurl.com/6-CRR-NY-502-4>. While all vulnerabilities should be assessed and documented, NYS places a high priority on exposure to flooding. Critical facilities located in an SFHA, or having ever sustained previous flooding, must be protected to the 500-year flood event, or worst damage scenario. For those that do not meet this criteria, the jurisdiction must identify an action to achieve this level of protection (NYS DHSES 2017).

The table below identifies critical facilities in the community located in the 1 percent and 0.2 percent floodplain and presents 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 9.32-4. Potential Flood Losses to Critical Facilities**

Name	Type	Exposure		Potential Loss from 1% Flood Event		Addressed by Proposed Action
		1% Event	0.2% Event	Percent Structure Damage	Percent Content Damage	
NYS Boat Launch	Marina	X	X	-	-	-
Town Hall	Polling	X	X	5.13	31.28	T. Unadilla-1
Town of Unadilla Hall	County Building	X	X	5.34	33.33	T. Unadilla-2
Town of Unadilla Trailer Park #1	Trailer Park	X	X	0	0	T. Unadilla-4
Town of Unadilla Trailer Park #10	Trailer Park	X	X	0	0	T. Unadilla-4
Town of Unadilla Trailer Park #2	Trailer Park	X	X	0	0	T. Unadilla-4

Sources: FEMA 2017; Otsego County 2018

The Town noted that for the purposes of emergency services, it does not consider the Boat Launch to be a critical facility and therefore did not develop a mitigation action to protect the facility.

### Identified Issues

The municipality has identified the following vulnerabilities within their community:

- The Town Hall and Highway Department are vulnerable to flooding

### 9.32.5 Capability Assessment

This section identifies the following capabilities of the local jurisdiction:

- Planning and regulatory capability
- Administrative and technical capability



- Fiscal capability
- Community classification
- National Flood Insurance Program
- Integration of mitigation planning into existing and future planning mechanisms

**Planning and Regulatory Capability**

The table below summarizes the regulatory tools that are available to the Town of Unadilla.

**Table 9.32-5. Planning and Regulatory Tools**

Tool/Program (code, ordinance, plan)	Do you have this? (Yes/No) If Yes, date of adoption or update	Authority (local, county, state, federal)	Dept. /Agency Responsible	Code Citation and Comments (Code Chapter, name of plan, explanation of authority, etc.)
<b>Planning Capability</b>				
Comprehensive Plan	No	-	-	-
Capital Improvements Plan	No	-	-	-
Floodplain Management/Basin Plan	No	-	-	-
Stormwater Management Plan	No	-	-	-
Open Space Plan	No	-	-	-
Stream Corridor Management Plan	No	-	-	-
Watershed Management or Protection Plan	No	-	-	-
Economic Development Plan	No	-	-	-
Comprehensive Emergency Management Plan	No	-	-	-
Emergency Operation Plan	No	-	-	-
Evacuation Plan	No	-	-	-
Post-Disaster Recovery Plan	No	-	-	-
Transportation Plan	No	-	-	-
Strategic Recovery Planning Report	No	-	-	-
Other Plans:	No	-	-	-
<b>Regulatory Capability</b>				
Building Code	Yes	State & Local	County	NY State Building Code
Zoning Ordinance	No	-	-	-
Subdivision Ordinance	No	-	-	-
NFIP Flood Damage Prevention Ordinance	Yes	Federal, State, Local	Flood control officer	Local Law #1 of 2017 – flood damage prevention
NFIP: Cumulative Substantial Damages	No	-	-	-
NFIP: Freeboard	Yes	State, Local	Flood control officer	State-mandated BFE+2 for all construction, both residential and non-residential
Growth Management Ordinances	No	-	-	-
Site Plan Review Requirements	No	-	-	-



Tool/Program (code, ordinance, plan)	Do you have this? (Yes/No) If Yes, date of adoption or update	Authority (local, county, state, federal)	Dept. /Agency Responsible	Code Citation and Comments (Code Chapter, name of plan, explanation of authority, etc.)
Stormwater Management Ordinance	No	-	-	-
Municipal Separate Storm Sewer System (MS4)	No	-	-	-
Natural Hazard Ordinance	No	-	-	-
Post-Disaster Recovery Ordinance	No	-	-	-
Real Estate Disclosure Requirement	Yes	State	NYS Department of State, Real Estate Agent	NYS mandate, Property Condition Disclosure Act, NY Code - Article 14 §460-467
Other (Special Purpose Ordinances [i.e., sensitive areas, steep slope])	No	-	-	-

**Administrative and Technical Capability**

The table below summarizes potential staff and personnel resources available to the Town of Unadilla.

**Table 9.32-6. Administrative and Technical Capabilities**

Resources	Is this in place? (Yes or No)	Department/ Agency/Position
<b>Administrative Capability</b>		
Planning Board	No	-
Mitigation Planning Committee	No	-
Environmental Board/Commission	No	-
Open Space Board/Committee	No	-
Economic Development Commission/Committee	No	-
Maintenance programs to reduce risk	No	-
Mutual aid agreements	Yes	-
<b>Technical/Staffing Capability</b>		
Planner(s) or engineer(s) with knowledge of land development and land management practices	No	-
Engineer(s) or professional(s) trained in construction practices related to buildings and/or infrastructure	No	-
Planners or engineers with an understanding of natural hazards	No	-
NFIP Floodplain Administrator (FPA)	Yes	Flood control officer
Surveyor(s)	No	-
Personnel skilled or trained in GIS and/or Hazards United States (HAZUS) – Multi-Hazards (MH) applications	No	-
Scientist familiar with natural hazards	No	-
Warning systems/services	No	-
Emergency Manager	No	-



Resources	Is this in place? (Yes or No)	Department/ Agency/Position
Grant writer(s)	No	-
Staff with expertise or training in benefit/cost analysis	No	-
Professionals trained in conducting damage assessments	No	-

### Fiscal Capability

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

**Table 9.32-7. Fiscal Capabilities**

Financial Resources	Accessible or Eligible to Use (Yes/No)
Community Development Block Grants (CDBG, CDBG-DR)	No
Capital improvements project funding	Yes (Chips)
Authority to levy taxes for specific purposes	No
User fees for water, sewer, gas, or electric service	Yes (Sewer District)
Impact fees for homebuyers or developers of new development/homes	No
Stormwater utility fee	No
Incur debt through general obligation bonds	Yes
Incur debt through special tax bonds	No
Incur debt through private activity bonds	No
Withhold public expenditures in hazard-prone areas	No
Other federal or state funding programs	Yes (USDA NRCS)
Open Space Acquisition funding programs	No
Other	No

### Community Classifications

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

**Table 9.32-8. Community Classifications**

Program	Do you have this? (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)	No	-	-
NYSDEC Climate Smart Community	No	-	-
Storm Ready Certification	Yes	Storm Ready County	2015
Firewise Communities classification	No	-	-
Natural disaster/safety programs in/for schools	No	-	-
Organizations with mitigation focus (advocacy group, non-government)	No	-	-
Public education program/outreach (through website, social media)	No	-	-
Public-private partnership initiatives addressing disaster-related issues	No	-	-



Program	Do you have this? (Yes/No)	Classification (if applicable)	Date Classified (if applicable)
Other	No	-	-

Note:

- N/A Not applicable
- NP Not participating
- Unavailable

The classifications listed above relate to the community’s ability to provide effective services to lessen its vulnerability to the hazards identified. These classifications can be viewed as a gauge of the community’s capabilities in all phases of emergency management (preparedness, response, recovery, and mitigation) and are used as an underwriting parameter for determining the costs of various forms of insurance. The CRS class applies to flood insurance while the BCEGS and Public Protection classifications apply to standard property insurance. CRS classifications range on a scale of 1 to 10 with class 1 being the best possible classification, and class 10 representing no classification benefit. Firewise classifications include a higher classification when the subject property is located beyond 1000 feet of a creditable fire hydrant and is within 5 road miles of a recognized Fire Station.

Criteria for classification credits are outlined in the following documents:

- The Community Rating System Coordinators Manual
- The Building Code Effectiveness Grading Schedule (<https://www.isomitigation.com/bcegs/>)
- The ISO Mitigation online ISO’s Public Protection website at <https://www.isomitigation.com/ppc/>
- New York State Climate Smart Communities (<http://www.dec.ny.gov/energy/56876.html>)
- The National Weather Service Storm Ready website at <https://www.weather.gov/stormready/communities>
- The National Firewise Communities website at <http://firewise.org/>

### Self-Assessment of Capability

The table below provides an approximate measure of the Town of Unadilla’s capability to work in a hazard mitigation capacity and/or effectively implement hazard mitigation strategies to reduce hazard vulnerabilities.

**Table 9.32-9. Self-Assessment Capability for the Municipality**

Area	Degree of Hazard Mitigation Capability		
	Limited (If limited, what are your obstacles?)	Moderate	High
Planning and regulatory capability	X – limited staff and funding		
Administrative and technical capability	X – limited staff and funding		
Fiscal capability	X – limited staff and funding		
Community political capability	X – limited staff and funding		
Community resiliency capability	X – limited staff and funding		
Capability to integrate mitigation into municipal processes and activities	X – limited staff and funding		



### National Flood Insurance Program

#### NFIP Floodplain Administrator (FPA)

Lynn Wilcox – Flood Control Officer

#### National Flood Insurance Program (NFIP) Summary

The Town of Unadilla keeps and maintains a list/inventory of properties that have been flood-damaged, but it does not identify property owners who are interested in mitigation. The following table summarizes the NFIP statistics for the Town of Unadilla.

Table 9.32-10. NFIP Summary

Municipality	# Policies	# Claims (Losses)	Total Loss Payments	# RL Properties	# SRL Properties	# Policies in the 1% Flood Boundary
Unadilla (T)	26	39	\$1,075,992	3	0	13

Source: FEMA 2018

Notes:

- (1) Policies, claims, RL, and SRL statistics provided by FEMA Region 2, and are current as of June 30, 2018. Total number of RL properties does not include SRL properties. Number of claims represents claims closed by July 31, 2018.
- (2) Total building and content losses from the claims file provided by FEMA Region 2.
- (3) Number of policies inside and outside of flood zones is based on latitude and longitude coordinates provided by FEMA Region 2 in the policy file. FEMA noted that for a property with more than one entry, more than one policy may have been in force or more than one Geographic Information System (GIS) specification was possible. Number of policies and claims, and claims total, exclude properties outside Otsego County boundary, based on provided latitude and longitude coordinates.

- C City
- RL Repetitive Loss
- SRL Severe Repetitive Loss
- T Town
- V Village

#### Resources

Lynn Wilcox is the sole floodplain management official in the Town of Unadilla, and if help is needed, Tom Blanchard at the NYSDEC is contacted for assistance. Outreach, record keeping permit review, and site inspections are all performed by the Flood Control Officer. The town has an up to date library with FEMA Technical Bulletins as well as a current copy. Lynn has attended all educational programs provided in and around Otsego County and feels adequately supported and trained to fulfill the responsibilities as a municipal floodplain administrator.

#### Compliance History

The Town of Unadilla is currently in good standing with the NFIP. According to the NYSDEC, the most recent compliance audit was conducted on August 23, 2007.

#### Regulatory

The Town of Unadilla’s regulations/ordinances meet the FEMA and state minimum requirements and the Town of Unadilla Local Law No. 1 was approved as written with no amendments. The municipality is currently in the process of becoming a CRS community.

#### Integration of Hazard Mitigation into Existing and Future Planning Mechanisms

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, each community was surveyed to obtain a





better understanding of their community’s progress in plan integration. A summary is provided below. In addition, the community identified specific integration activities that will be incorporated into municipal procedures, which is also indicated below.

## Planning

---

### Existing Integration

The Town of Unadilla does not have a Redevelopment Plan, Growth Plan, Economic Development Plan, Open Space Plan, Watershed or Stream Corridor Management Plan, Local Waterfront Revitalization Plan, a Continuity of Operations/Continuity of Government (COOP/COG) plan(s), Comprehensive Emergency Management Plan, or Post-Disaster Recovery Plan/Strategic Recovery Plan.

### Opportunities for Future Integration

The town could create planning documents and ensure hazard mitigation themes and connections to the Hazard Mitigation Plan (HMP) are established.

## Regulatory and Enforcement (Ordinances)

---

### Existing Integration

The Town of Unadilla does not have a Zoning Ordinance or Subdivision Ordinance.

### Opportunities for Future Integration

The Town of Unadilla could develop ordinances to encourage safe development practices.

## Operational and Administration

---

### Existing Integration

The Town of Unadilla does not have a municipal planner, contract planning firm, Planning Board, or Zoning Board of Adjustment. The town does not have staff or contract with firms that have experience with developing Benefit-Cost Analysis, that are able to make substantial damage determinations, or that can support the preparation of grant applications for mitigation projects. Staff do not receive training to support natural hazard risk reduction. No staff in the town are responsible for Stormwater Management functions. NFIP Floodplain Management functions are performed by the Flood Control Officer.

### Opportunities for Future Integration

The town could hire additional staff or contract with firms that are able to develop Benefit-Cost Analysis, that are able to make substantial damage determinations, and that can support the preparation of grant applications for mitigation projects. The town could provide training opportunities for existing staff.

## Funding

---

### Existing Integration

The community has applied for and been awarded grant funds for mitigation-related projects, USDA Natural Crop Insurance Services (NCIS) – 75 percent federal and 25 percent local match (in kind services).

### Opportunities for Future Integration

The Town of Unadilla could continue to apply for grant funding to support hazard mitigation.



## Education and Outreach

---

### Existing Integration

The Town of Unadilla conducts flood outreach.

### Opportunities for Future Integration

The town could develop additional outreach programs to educate the public on other natural hazards.

## Sheltering, Evacuation, and Temporary Housing

---

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

### Evacuation and Sheltering Needs

---

The Town of Unadilla does not have an official sheltering location established. During evacuations, the town would utilize Kilkenny Road, Butternut Road, and Wendel Bachman Road for evacuation routes. During an emergency event, the town works with and follows the guidance of Otsego County to establish emergency procedures and sheltering.

### Temporary and Permanent Housing

---

The Unadilla Central School parking lot on Main Street was identified as a site for temporary housing for residents displaced by a disaster. The town has not identified a site for the permanent placement of homes removed from the floodplain. Siting permanent homes would depend on the land available and on the market after the flood. After an emergency event, the Town of Unadilla would work with Otsego County to identify appropriate sites for the placement of temporary and permanent housing.

## 9.32.6 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 2013 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 ongoing 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 9.32-11. Status of Previous Mitigation Actions

Project #	Project	Hazard(s) Addressed	Brief Summary of the Original Problem	Responsible Party	Status (In Progress, Ongoing Capability, No Progress, Complete)	Evaluation of Success (if project status is complete)		Next Steps 1. Project to be included in 2021 HMP or Discontinue 2. If including action in the 2021 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
						Cost	Level of Protection	
1	Purchase, install, and maintain a backup generator at radio tower site (Pine Hill Tower site).	Flood, Winter Storm, Extreme Temperature, Drought, Wildfire, Tornado, Hurricane, Landslide, Earthquake, Dam Failure	Communications could fail if the radio tower lost power.	Town Official	Discontinue			1. Discontinue 2. 3. Discontinue – the tower site was moved, and the new site had backup power.
2	Develop, coordinate, and implement a program to identify public or private land to place temporary short-term and long-term housing units for residents displaced by a disaster.	Flood		Emergency Services, Public Works, Hazard Mitigation Committee Rep.	In progress			1. Discontinue 2. 3. Town will rely on the county.
3	Develop, coordinate, and implement a program to protect critical facilities to the 500-year flood before, during, and following a flood event.	Flood	Critical services could be disrupted by a flood event.	Emergency Services, Public Works, Hazard Mitigation Committee Rep.	In progress			1. Include in 2021 HMP 2. Address individual facilities 3.
4	Develop an early warning system for repetitive loss structures and residents through direct contact via computer or phone.	Flood	The town has had in effect since 2006 a mitigation plan for damage to the Town Hall to monitor flood stage and take action to minimize damage within the building. Currently, a member of the building committee monitors the flood stage and directs actions such as moving furniture and electronics to minimize flood impact within the	Town, Village, County Committee	No progress			1. Discontinue 2. 3. No longer a priority



Project #	Project	Hazard(s) Addressed	Brief Summary of the Original Problem	Responsible Party	Status (In Progress, Ongoing Capability, No Progress, Complete)	Evaluation of Success (if project status is complete)		Next Steps 1. Project to be included in 2021 HMP or Discontinue 2. If including action in the 2021 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
						Cost	Level of Protection	
5	Perform a feasibility study regarding replacing the Town Hall on the same lot or purchase property for future relocation in the event of another flood.	Flood	The Unadilla Town Hall has been flooded twice, 2006 and 2011 and suffered permanent damage. There is a subsidence of the slab in the rear of the building that is livable at this time.	EOC	No progress	Cost		1. Include in 2021 HMP 2. 3.
						Level of Protection		
						Damages Avoided; Evidence of Success		
6	Research alternate system of communication in the event of an area-wide power outage prior to an imminent disaster.	Flood, Winter Storm, Extreme Temperature, Drought, Wildfire, Tornado, Hurricane, Landslide, Earthquake, Dam Failure	The current system relies on the stage monitoring through one of NOAA sites. This is impossible with no electricity. Also, all current communication is completely dependent on computers, cell phones, or radio systems dependent on repeaters or other electrical systems. Land line phones may or may not be useful dependent on high wind line damage.	EOC	No progress	Cost		1. Discontinue 2. 3. No longer a priority
						Level of Protection		
						Damages Avoided; Evidence of Success		
7	Implement a program to determine GPS coordinates for all culverts on town roads. Create a database from the information.	Flood, Winter Storm		EOC	In progress	Cost		1. Discontinue 2. 3. No longer a priority
						Level of Protection		
						Damages Avoided; Evidence of Success		
8	Develop routine inspections and maintenance of streams, roadside ditches, and drainage ways in order to	Flood, Ice Jam, Winter Storm, Dam Failure		Highway Superintendent	No progress	Cost		1. Discontinue 2. 3. No longer a priority
						Level of Protection		
						Damages Avoided;		



Project #	Project	Hazard(s) Addressed	Brief Summary of the Original Problem	Responsible Party	Status (In Progress, Ongoing Capability, No Progress, Complete)	Evaluation of Success (if project status is complete)		Next Steps 1. Project to be included in 2021 HMP or Discontinue 2. If including action in the 2021 HMP, revise/reword to be more specific (as appropriate). 3. 3. If discontinue, explain why.
	reduce the potential for flooding caused by debris obstructions/sedimentation					Evidence of Success		
9	Target property owners with structures in floodplain with education material and increase flood awareness locally (especially with early warning procedures).	Flood, Dam Failure		County OES; County Planning	Ongoing capability	Cost		1. Discontinue
						Level of Protection		2.
						Damages Avoided; Evidence of Success		3. Ongoing capability
10	Participate in the review of emergency response plans to verify that they are current and consistent with the County Comprehensive Emergency Plan.	Flood, Winter Storm, Extreme Temperature, Drought, Wildfire, Tornado, Hurricane, Landslide, Earthquake, Dam Failure		County OES; County Sheriff	Ongoing capability	Cost		1. Discontinue
						Level of Protection		2.
						Damages Avoided; Evidence of Success		3. Ongoing capability
11	Ensure that critical facilities are able to provide essential services during a power outage. May include purchase of backup generator.	Flood, Winter Storm, Extreme Temperature, Drought, Wildfire, Tornado, Hurricane, Landslide, Earthquake, Dam Failure		County OES; mitigation committee	No progress	Cost		1. Discontinue
						Level of Protection		2.
						Damages Avoided; Evidence of Success		3. No longer a priority
12	Implement a program to survey approved traffic control devices (signs, markers, signals, etc.) by highway departments.	Flood, Winter Storm, Extreme Temperature, Drought, Wildfire, Tornado, Hurricane, Landslide, Earthquake, Dam Failure		Town, NYSDOT	No progress	Cost		1. Discontinue
						Level of Protection		2.
						Damages Avoided; Evidence of Success		3. No longer a priority
13	Replace undersized culvert pipes at Fisk Hill Road and	Flood	The two primary locations have	Town Highway	No progress	Cost		1. Discontinue
						Level of		2.



Project #	Project	Hazard(s) Addressed	Brief Summary of the Original Problem	Responsible Party	Status (In Progress, Ongoing Capability, No Progress, Complete)	Evaluation of Success (if project status is complete)		Next Steps 1. Project to be included in 2021 HMP or Discontinue 2. If including action in the 2021 HMP, revise/reword to be more specific (as appropriate). 3. 3. If discontinue, explain why.
						Protection Damages Avoided; Evidence of Success	Cost Level of Protection	
	River Road.		experienced repeated damage due to the culverts being undersized.					3. No longer a priority
14	Replace Highway Garage and Town Hall by combining into a single critical structure facility.	Flood	The Town Hall of Unadilla has experienced past flood damage and is located within the floodplain. The Town of Unadilla Highway Garage is a critical facility that is located near the floodplain and has had flooding in the parking lot within a close proximity to the building. Road flooding near the Highway Garage has limited access to the town during events.	Town Highway	No progress			1. Discontinue 2. 3. No longer a priority. Facilities to be kept separate.



### **Completed Mitigation Initiatives Not Identified in the Previous Mitigation Strategy**

The Town of Unadilla did not identify additional mitigation projects/activities that have also been completed but were not identified in the previous mitigation strategy in the 2013 HMP.

### **Proposed Hazard Mitigation Initiatives for the Plan Update**

Table 9.32-12 summarizes the comprehensive-range of specific mitigation initiatives the Town of Unadilla 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 (Mitigation Strategy), 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 9.32-13 provides a summary of the prioritization of all proposed mitigation initiatives for the plan update.



Table 9.32-12. Proposed Hazard Mitigation Initiatives

Project Number	Project Name	Goals Met	Hazard(s) to be Mitigated	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Mitigation Category/ CRS Category
T. Unadilla-1	Town Hall Relocation	2	Flood	<p><b>Problem:</b> The Town of Unadilla Town Hall, located at 1658 NY-17 in Unadilla, has sustained substantial damage due to flooding events. In 2006 there was 24” of water throughout the building, 2011 there was 8”. The building is located in a floodplain; the construction style is post and beam so that elevating the building is not a feasible option. The town hall building is home to all municipal offices. If the building is flooded, it cannot be used, and essential services to the community are not available.</p> <p><b>Solution:</b> Locate land out of the floodplain to construct a new town hall. The town hall provides essential services to the town and is home to all municipal departments. In addition, the town hall will be supplied with backup power to allow the building to fully function during a power outage.</p>	Yes ●	None	Within 5 year	Town Board, Engineer	\$1 million	Eliminates flood damages; continuity of operations; essential services available during hazard events	FEMA HMGP, FMA and PDM, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, Municipal Budget	High	SIP/PP
T. Unadilla-2	Town Highway Department Relocation	2	Flood	<p><b>Problem:</b> The Town of Unadilla Highway Department, located at 216 County Road 3 in Unadilla, is located adjacent to Martin Brook Creek. This is a critical facility and is vulnerable to flooding and also sits between two bridge structures that are also prone to the flooding.</p> <p><b>Solution:</b> Locate land out of the floodplain to construct a new highway department facility. Once land is purchased, the town will construct a new highway department facility. In</p>	Yes ●	No	Within 5 years	Town Board, Town Engineer	\$1 million	Eliminates flood damages; continuity of operations; essential services available during hazard events	FEMA HMGP, FMA and PDM, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, Municipal Budget	High	SIP/PP, ES



Project Number	Project Name	Goals Met	Hazard(s) to be Mitigated	Description of Problem and Solution	Critical Facility (Yes/No)	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Mitigation Category/ CRS Category
				addition, the building will be supplied with backup power to allow the building to fully function during a power outage. Lastly, the building will be outfitted to serve as an emergency shelter to town residents, with bathing facilities, kitchen, and large space for cots.									
T. Unadilla-3	Emergency Protective Equipment	4	All Hazards	<p><b>Problem:</b> The town is in need of emergency protective equipment. Currently, they do not have a way to provide emergency messages to a large portion of the community. They also lack the means to block roads when they are closed. This leads to using resources to direct traffic rather than working on the reason the roads are closed.</p> <p><b>Solution:</b> Purchase the following equipment for the town:</p> <ul style="list-style-type: none"> <li>•Electronic message boards to be used for public information</li> <li>•Road barrels to be used in emergency road closures</li> <li>•Road barricades to be used in long-term road closures</li> </ul>	No	None	Within 5 years	Town Highway Dept	\$15,000	Provides safety measures for the town to use during an emergency; provides notification system for residents	USDA Community Facilities Grant Program, EMPG Program, Municipal Budget	High	SIP/ ES
T. Unadilla-4	Outreach to trailer parks regarding flood exposure	4	Flood	<p><b>Problem:</b> Numerous trailer parks are located in the 100-year floodplain.</p> <p><b>Solution:</b> The town will contact trailer park owners to alert them of their flood exposure and discuss potential mitigation actions.</p>	Yes <span style="color: blue;">💧</span>	None	Within 6 months	FPA	<\$100	Property owners aware of options to mitigate	Town budget	High	EAP/ PI



Notes:

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

\*Does this mitigation initiative reduce the effects of hazards on new and/or existing buildings and/or infrastructure? Not applicable (N/A) is inserted if this does not apply.

Acronyms and Abbreviations:

CAV	Community Assistance Visit
CRS	Community Rating System
DPW	Department of Public Works
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
PDM	Pre-Disaster Mitigation Grant 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

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.

Critical Facility:


- Yes  - Critical Facility located in 1% floodplain





Table 9.32-13. 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
T. Unadilla-1	Town Hall Relocation	1	1	1	1	1	1	0	1	1	1	0	0	1	1	11	High
T. Unadilla-2	Town Highway Department Relocation	1	1	1	1	1	1	0	1	1	1	0	0	1	1	11	High
T. Unadilla-3	Emergency Protective Equipment	1	0	1	1	1	1	0	1	1	1	1	0	1	1	11	High
T. Unadilla-4	Outreach to trailer parks regarding flood exposure	1	1	1	1	1	0	1	1	1	1	0	1	1	1	12	High

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



### **9.32.7 Future Needs to Better Understand Risk/Vulnerability**

---

None at this time.

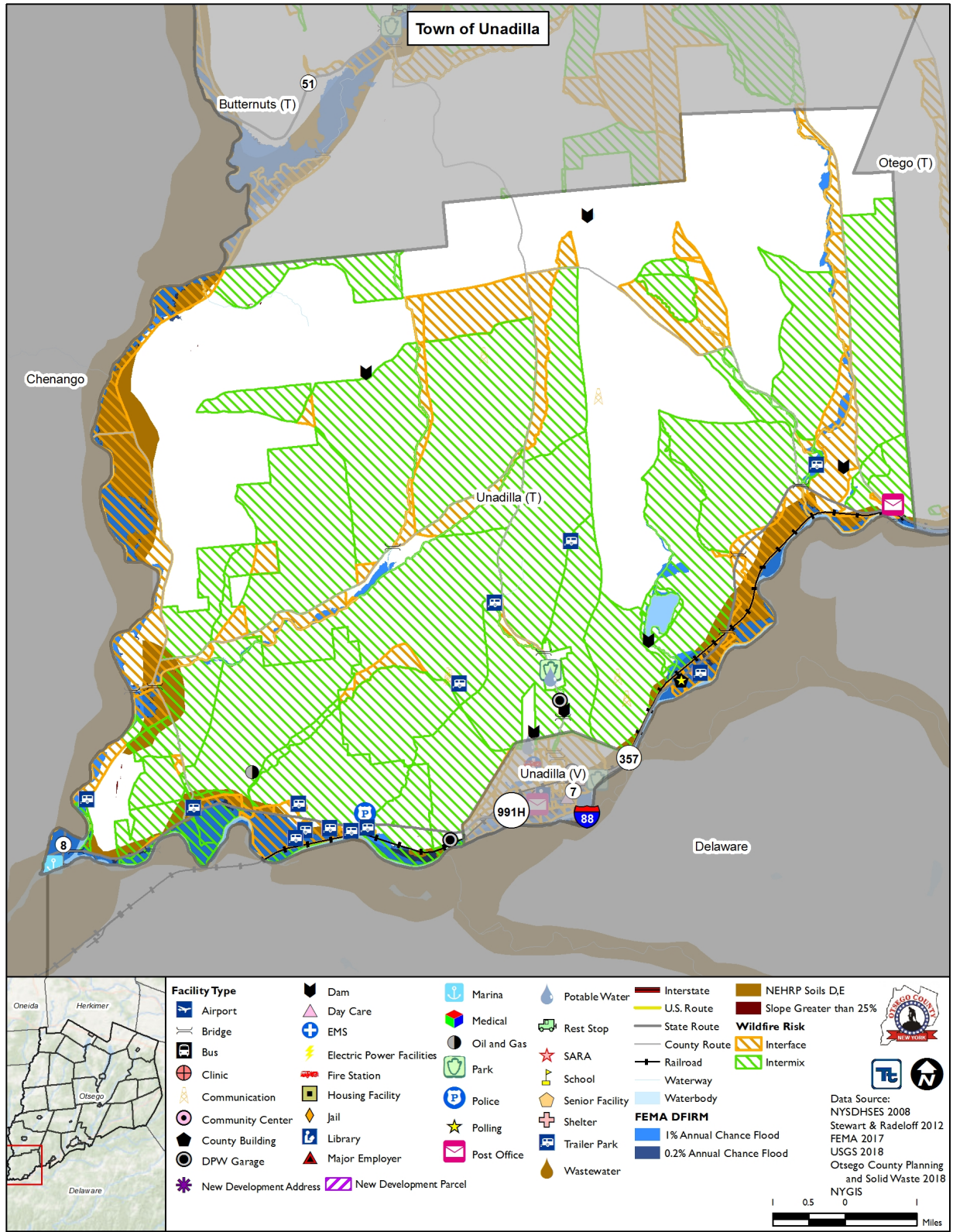
### **9.32.8 Hazard Area Extent and Location**

---

A hazard area extent and location map has been generated for the Town of Unadilla that illustrates the probable areas impacted within the municipality. The map is based on the best available data at the time of the preparation of this plan and is considered to be adequate for planning purposes. The map has only been generated for those hazards that can be clearly identified using mapping techniques and technologies, and for which the Town of Unadilla has significant exposure. The map is illustrated below.



Figure 9.32-1. Town of Unadilla Hazard Area Extent and Location Map





### **9.32.9 Staff and Local Stakeholder Involvement in Annex Development**

---

The Town of Unadilla 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, Highway Superintendent, and Flood Control Officer. The Supervisor represented the community on the Otsego County Hazard Mitigation Plan Planning Partnership and supported the local planning process requirements by securing input from persons with specific knowledge to enhance the plan. All departments were asked to contribute to the annex development through reviewing and contributing to the capability assessment, reporting on the status of previously identified actions, and participating in action identification and prioritization.

Additional documentation on the municipality’s planning process through Planning Partnership meetings is included in Section 3 (Planning Process) and Appendix C (Meeting Documentation).

### **9.32.10 Additional Comments**

---

None at this time.



Town of Unadilla Action Worksheet			
<b>Project Name:</b>	Town Hall Relocation		
<b>Project Number:</b>	T. Unadilla-1		
<b>Risk/Vulnerability</b>			
<b>Hazard(s) of Concern:</b>	Flood		
<b>Description of the Problem:</b>	The Town of Unadilla Town Hall, located at 1658 NY-17 in Unadilla, has sustained substantial damage due to flooding events. In 2006 there was 24" of water throughout the building, 2011 there was 8". The building is located in a floodplain; the construction style is post and beam so that elevating the building is not a feasible option. The town hall building is home to all municipal offices. If the building is flooded, it cannot be used, and essential services to the community are not available.		
<b>Action or Project Intended for Implementation</b>			
<b>Description of the Solution:</b>	Locate land out of the floodplain to construct a new town hall. The town hall provides essential services to the town and is home to all municipal departments. In addition, the town hall will be supplied with backup power to allow the building to fully function during a power outage.		
<b>Is this project related to a Critical Facility?</b>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
<b>Is this project related to a Critical Facility located within the 100-year floodplain?</b>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
(If yes, this project must intend to protect the 500-year flood event or the actual worse case damage scenario, whichever is greater)			
<b>Level of Protection:</b>	500-year	<b>Estimated Benefits (losses avoided):</b>	Eliminates flood damages; continuity of operations; essential services available during hazard events
<b>Useful Life:</b>	100 years	<b>Goals Met:</b>	2
<b>Estimated Cost:</b>	\$1 million	<b>Mitigation Action Type:</b>	Structure and Infrastructure Projects (SIP)
<b>Plan for Implementation</b>			
<b>Prioritization:</b>	High	<b>Desired Timeframe for Implementation:</b>	Within 1 year of receiving funds and permits
<b>Estimated Time Required for Project Implementation:</b>	Within 5 years	<b>Potential Funding Sources:</b>	FEMA HMGP, FMA and PDM, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, Municipal Budget
<b>Responsible Organization:</b>	Town Board, Town Engineer	<b>Local Planning Mechanisms to be Used in Implementation if any:</b>	Hazard Mitigation
<b>Three Alternatives Considered (including No Action)</b>			
<b>Alternatives:</b>	<b>Action</b>	<b>Estimated Cost</b>	<b>Evaluation</b>
	No Action	\$0	Problem continues.
	Elevate structure	\$300,000	Not feasible based on the construction style of the building
	Construct flood wall around the town hall	\$200,000	Not a permanent solution; floodwalls are limited to 4 feet in height and can be overtopped by larger floods
<b>Progress Report (for plan maintenance)</b>			
<b>Date of Status Report:</b>			
<b>Report of Progress:</b>			
<b>Update Evaluation of the Problem and/or Solution:</b>			



Action Worksheet		
<b>Project Name:</b>	Town Hall Relocation	
<b>Project Number:</b>	T. Unadilla-1	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Critical services protected
Property Protection	1	Town Hall relocated away from floodplain
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	0	Project requires funding support
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	0	Flood
Timeline	0	Within 5 years
Agency Champion	1	Town Board, Town Engineer
Other Community Objectives	1	Protect critical facilities from flooding
<b>Total</b>	11	
<b>Priority (High/Med/Low)</b>	High	



Town of Unadilla Action Worksheet			
<b>Project Name:</b>	Town Highway Department Relocation		
<b>Project Number:</b>	T. Unadilla-2		
<b>Risk/Vulnerability</b>			
<b>Hazard(s) of Concern:</b>	Flood		
<b>Description of the Problem:</b>	The Town of Unadilla Highway Department, located at 216 County Road 3 in Unadilla, is located adjacent to Martin Brook Creek. While not in the mapped floodplain, the facility is exposed to flooding. In 1958 the creek washed out its back to within 15' of the doors of the building. This is a critical facility and is vulnerable to flooding and also sets between two bridge structures that are also prone to the flooding. With a new facility, there is the option of designing to also be a shelter as there is no current shelter within the Town of Unadilla. If the building is flooded, the town experiences equipment loss, and it cannot be used or provide essential services to the town.		
<b>Action or Project Intended for Implementation</b>			
<b>Description of the Solution:</b>	Locate land out of the floodplain and safe from flooding to construct a new highway department facility. Once land is purchased, the town will construct a new highway department facility. In addition, the building will be supplied with backup power to allow the building to fully function during a power outage. Lastly, the building will be outfitted to serve as an emergency shelter to town residents, with bathing facilities, kitchen, and large space for cots.		
<b>Is this project related to a Critical Facility?</b>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
<b>Is this project related to a Critical Facility located within the 100-year floodplain?</b>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
(If yes, this project must intend to protect the 500-year flood event or the actual worse case damage scenario, whichever is greater)			
<b>Level of Protection:</b>	500-year	<b>Estimated Benefits (losses avoided):</b>	Eliminates flood damages; continuity of operations; essential services available during hazard events
<b>Useful Life:</b>	100 years	<b>Goals Met:</b>	2
<b>Estimated Cost:</b>	\$1 million	<b>Mitigation Action Type:</b>	Structure and Infrastructure Projects (SIP)
<b>Plan for Implementation</b>			
<b>Prioritization:</b>	High	<b>Desired Timeframe for Implementation:</b>	Within 1 year of receiving funds and permits
<b>Estimated Time Required for Project Implementation:</b>	Within 5 years	<b>Potential Funding Sources:</b>	FEMA HMGP, FMA and PDM, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, Municipal Budget
<b>Responsible Organization:</b>	Town Board, Town Engineer	<b>Local Planning Mechanisms to be Used in Implementation if any:</b>	Hazard Mitigation
<b>Three Alternatives Considered (including No Action)</b>			
<b>Alternatives:</b>	<b>Action</b>	<b>Estimated Cost</b>	<b>Evaluation</b>
	No Action	\$0	Problem continues.
	Elevate structure	\$300,000	Not feasible due to the equipment the building stores; equipment would still need to be stored at ground level
	Construct flood wall around the town hall	\$200,000	Not a permanent solution; floodwalls are limited to 4 feet in height and can be overtopped by larger floods
<b>Progress Report (for plan maintenance)</b>			
<b>Date of Status Report:</b>			
<b>Report of Progress:</b>			
<b>Update Evaluation of the Problem and/or Solution:</b>			



Action Worksheet		
<b>Project Name:</b>	Town Highway Department Relocation	
<b>Project Number:</b>	T. Unadilla-2	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Critical services protected
Property Protection	1	Highway Department building relocated away from floodplain
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	0	Project requires funding support
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	0	Flood
Timeline	0	Within 5 years
Agency Champion	1	Town Board, Town Engineer
Other Community Objectives	1	Protect critical facilities from flooding
<b>Total</b>	11	
<b>Priority (High/Med/Low)</b>	High	



Town of Unadilla Action Worksheet			
<b>Project Name:</b>	Emergency Protective Equipment		
<b>Project Number:</b>	T. Unadilla-3		
<b>Risk/Vulnerability</b>			
<b>Hazard(s) of Concern:</b>	All hazards		
<b>Description of the Problem:</b>	The town is in need of emergency protective equipment. Currently, they do not have a way to provide emergency messages to a large portion of the community. They also lack the means to block roads when they are closed. This leads to using resources to direct traffic rather than working on the reason the roads are closed.		
<b>Action or Project Intended for Implementation</b>			
<b>Description of the Solution:</b>	Purchase the following equipment for the town: <ul style="list-style-type: none"> <li>• Electronic message boards to be used for public information</li> <li>• Road barrels to be used in emergency road closures</li> <li>• Road barricades to be used in long-term road closures</li> </ul>		
<b>Is this project related to a Critical Facility?</b>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
<b>Is this project related to a Critical Facility located within the 100-year floodplain?</b>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
(If yes, this project must intend to protect the 500-year flood event or the actual worse case damage scenario, whichever is greater)			
<b>Level of Protection:</b>	N/A	<b>Estimated Benefits (losses avoided):</b>	Provides safety measures for the town to use during an emergency; provides notification system for residents
<b>Useful Life:</b>	5 years	<b>Goals Met:</b>	4
<b>Estimated Cost:</b>	\$15,000	<b>Mitigation Action Type:</b>	Structure and Infrastructure Projects (SIP)
<b>Plan for Implementation</b>			
<b>Prioritization:</b>	High	<b>Desired Timeframe for Implementation:</b>	Within 6 months
<b>Estimated Time Required for Project Implementation:</b>	Within 5 years	<b>Potential Funding Sources:</b>	USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, Municipal Budget
<b>Responsible Organization:</b>	Town Highway Department	<b>Local Planning Mechanisms to be Used in Implementation if any:</b>	Hazard Mitigation
<b>Three Alternatives Considered (including No Action)</b>			
<b>Alternatives:</b>	<b>Action</b>	<b>Estimated Cost</b>	<b>Evaluation</b>
	No Action	\$0	Problem continues.
	Develop a door-to-door citizen information program	\$0	Too time consuming; information will not get to residents fast enough
	Purchase traffic cones	\$500	Not the best tools for long-term closures; not as visible as other equipment; not a solution to notify residents of emergencies
<b>Progress Report (for plan maintenance)</b>			
<b>Date of Status Report:</b>			
<b>Report of Progress:</b>			
<b>Update Evaluation of the Problem and/or Solution:</b>			



Action Worksheet		
<b>Project Name:</b>	Emergency Protective Equipment	
<b>Project Number:</b>	T. Unadilla-3	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Project will educate public and relay important emergency information.
Property Protection	0	
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	The town has the legal authority to conduct the project
Fiscal	0	Project requires funding support
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	1	All Hazards
Timeline	0	Within 5 years
Agency Champion	1	Town Highway Department
Other Community Objectives	1	
<b>Total</b>	11	
<b>Priority (High/Med/Low)</b>	High	