9.36 TOWN OF PORTVILLE

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

9.36.1 Hazard Mitigation Planning Team

The following individuals have been identified as the Town of Portville's hazard mitigation plan primary and alternate points of contact.

Table 9.36-1. Hazard Mitigation Planning Team

Primary Point of Contact	Alternate Point of Contact
Name/Title: John Krist/ Code Enforcement Officer Address: 1 South Main St, Portville, NY 14770 Phone Number: (716) 307-1687 Email: johnkrist18@yahoo.com	Name/Title: Tim Emley/ Supervisor Address: 1219 Steam Valley Rd., PO Box 273, Portville, NY 14770 Phone Number: 716 933-0960 Email: tim_emley@caboces.org
NFIP Floodplain Administrator	
Name/Title: Walter Putt/CEO Address:1523 Sherlock Hollow Rd., Hinsdale, NY 14743 Phone Number: (716) 378-7255 Email: whputt@gmail.com	

9.36.2 Municipal Profile

The Town of Portville is located in the southeast corner of Cattaraugus County in western New York State. The Town of Portville has a total area of 36.03 square miles. Allegany River flows through the south part of the town. The town is bordered to the west by the Town of Olean, to the east is Clarksville and Genesee in Allegany County and to the north is the Town of Hinsdale. The town is bordered to the south by the townships Eldred and Ceres in McKean County, Pennsylvania.

The Village of Portville is located within the town as well as seven hamlets located within the town. The seven hamlets are Bedford Corners, Carroll, Haydenvile, Lake View Terrace, Main Settlement, Mill Grove, and Weston Mills. The estimated 2018 population was 3,595, a 4.2 percent decrease in population from 2010 (3,754 persons).

Data from the 2018 U.S. Census American Community Survey indicate that 5.4 percent of the town population is 5 years of age or younger and 21.5 percent is 65 years of age or older. Communities must deploy a support system that enables all populations to safely reach shelters or to quickly evacuate a hazard area.

History and Cultural Resources

The Town of Portville was first settled in 1805 as a result of the thriving timber industry. The Town of Portville is named from the town's early role in shipping goods such as lumber down the Allegany River.

9.36.3 Growth/Development Trends

Understanding how past, current, and projected development patterns have or are likely to increase or decrease risk in hazard areas is a key component to understanding a jurisdiction's overall risk to its hazards of concern. Table 9.36-2 summarizes recent and expected future development trends, including major residential/commercial development and major infrastructure development. Figure 9.36-1 and Figure 9.36-2 at the end of this annex illustrates the geographically delineated hazard areas and the location of potential new development, where available.

Table 9.36-2. Recent and Expected Future Development

Type of Development	2014		2015		2016		2017		2018	
Number of Building Permits for New Construction Issued Since the Previous HMP* (within regulatory floodplain/ Outside regulatory floodplain)										
	Total	**Within SFHA**	**Total**	**Within SFHA**	**Total**	**Within SFHA**	**Total**	**Within SFHA**	**Total**	**Within SFHA**
Single Family	1	0	2	0	1	0	1	0	2	0
Multi-Family	0	0	0	0	0	0	0	0	0	0
Other (commercial, mixed-use, etc.)	0	0	0	0	0	0	0	0	0	0
Total	**1**	**0**	**2**	**0**	**1**	**0**	**1**	**0**	**2**	**0**
Property or Development Name	**Type of Development**		**# of Units / Structures**		**Location (address and/or block and lot)**		**Known Hazard Zone(s)***		**Description / Status of Development**	
Recent Major Development and Infrastructure from 2014 to Present										
None identified										
Known or Anticipated Major Development and Infrastructure in the Next Five (5) Years										
None anticipated										

SFHA Special Flood Hazard Area (1% flood event)

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

9.36.4 Capability Assessment

The Town of Portville performed an inventory and analysis of existing capabilities, plans, programs, and policies that enhance its ability to implement mitigation strategies. Section 6.4 (Capability Assessment) describes the components included in the capability assessment and their significance for hazard mitigation planning. This section summarizes the following findings of the assessment:

- An assessment of legal and regulatory capabilities.
- Development and permitting capabilities.
- An assessment of fiscal capabilities.
- An assessment of education and outreach capabilities.
- Information on National Flood Insurance Program (NFIP) compliance.
- Classification under various community mitigation programs.
- The community's adaptive capacity for the impacts of climate change.

For a community to succeed in reducing long-term risk, hazard mitigation must be integrated into the day-to-day local government operations. As part of this planning effort, planning/policy documents were reviewed, and each jurisdiction was surveyed to obtain a better understanding of their progress in plan integration. Areas with current mitigation integration are summarized in Capability Assessment (Section 9.36.4). The Town of Portville

identified specific integration activities that will be incorporated into municipal procedures are included in the updated mitigation strategy. Appendix H provides the results of the planning/policy document review.

Planning, Legal, and Regulatory Capability

The table below summarizes the regulatory tools that are available to the Town of Portville and where hazard mitigation has been integrated.

Table 9.36-3. Planning, Legal, and Regulatory Capability

	Do you have this? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Department / Agency Responsible	State Mandated	Has this been integrated?	If no - can it be a mitigation action?
Codes, Ordinances, & Requirements							
Building Code	Yes	LL #7-2008	Local	Town Board	Yes	No	2020-Town of Portville-012
Comment: none							
Zoning Code	No	-	-	-	No	-	-
Comment: None							
Subdivisions	No	-	-	-	No	-	-
Comment: none							
Stormwater Management	No	-	-	-	Yes	-	-
Comment: none							
Post-Disaster Recovery	No	-	-	-	No	-	-
Comment: none							
Real Estate Disclosure	Yes	Property Condition Disclosure Act, NY Code - Article 14 §460-467	State	NYS Department of State, Real Estate Agent	Yes	Yes	-
Comment: none							
Growth Management	No	-	-	-	No	-	-
Comment: none							
Site Plan Review	No	-	-	-	No	-	-
Comment: none							
Environmental Protection	No	-	-	-	Yes	-	-
Comment: none							
Flood Damage Prevention	Yes	1983	Local	Town Board	Yes - BFE+2 feet for all construction in the SFHA (residential and non-residential)	No	2020-Town of Portville-008
Comment: none							
Municipal Separate Storm Sewer System (MS4)	No	-	-	-	Yes	-	-

	Do you have this? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Department / Agency Responsible	State Mandated	Has this been integrated? If no - can it be a mitigation action?	
Comment: none							
Emergency Management	Yes	Emergency Management	Local	Weston Mills Fire Dept	Yes	No	2020-Town of Portville-011
Comment: none							
Climate Change	No	-	-	-	Yes	-	-
Comment: none							
Disaster Recovery Ordinance	No	-	-	-	No	-	-
Comment: none							
Disaster Reconstruction Ordinance	No	-	-	-	No	-	-
Comment: none							
Other	No	-	-	-	-	-	-
Planning Documents							
Comprehensive Plan	Yes	Comprehensive Plan 2020	Local	Town Board	No	Yes	-
Comment: none							
Capital Improvement Plan	No	-	-	-	No	-	-
Comment: none							
Disaster Debris Management Plan	No	-	-	-	No	-	-
Comment: none							
Floodplain or Watershed Plan	no	-	-	-	No	-	-
Comment: none							
Stormwater Plan	No	-	-	-	No	-	-
Comment: none							
Open Space Plan	No	-	-	-	Yes	-	-
Comment: none							
Urban Water Management Plan	No	-	-	-	No	-	-
Comment: none							
Habitat Conservation Plan	No	-	-	-	No	-	-
Comment: none							
Economic Development Plan	No	-	-	-	No	-	-
Comment: none							
Shoreline Management Plan	No	-	-	-	Yes	-	-

	Do you have this? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Department / Agency Responsible	State Mandated	Has this been integrated?	If no - can it be a mitigation action?
Comment: none							
Community Wildfire Protection Plan	No	-	-	-	No	-	-
Comment: none							
Forest Management Plan	No	-	-	-	No	-	-
Comment: none							
Transportation Plan	No	-	-	-	No	-	-
Comment: none							
Agriculture Plan	Yes	Right to Farm	County	Planning	Yes	Yes	-
Comment: none							
Other (this could include a climate action plan, tourism plan, business development plan, etc.)	No	-	-	-	-	-	-
Comment: none							
Response/Recovery Planning							
Comprehensive Emergency Management Plan	Yes	CEMP	Local	Weston Mills Fire Dept	Yes	No	2020-Town of Portville-011
Comment: none							
Strategic Recovery Planning Report	No	-	-	-	-	-	-
Comment: none							
Threat & Hazard Identification & Risk Assessment (THIRA)	No	-	-	-	Yes	-	-
Comment: none							
Post-Disaster Recovery Plan	No	-	-	-	No	-	-
Comment: none							
Continuity of Operations Plan	No	-	-	-	No	-	-
Comment: none							
Public Health Plan	No	-	-	-	No	-	-
Comment: none							
Other	No	-	-	-	No	-	-

Table 9.36-4. Development and Permitting Capability

Indicate if your jurisdiction implements the following	Response Yes/No; Provide further detail
Development Permits. If yes, what department?	Yes-Code Enforcement
Permits are tracked by hazard area. For example, floodplain development permits.	Yes- FEMA Maps
Buildable land inventory If yes, please describe If no, please quantitatively describe the level of buildout in the jurisdiction.	No- 20%

Administrative and Technical Capability

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

Table 9.36-5. Administrative and Technical Capabilities

Resources	Available? (Yes or No)	Department/ Agency/Position
Administrative Capability		
Planning Board	Yes	Town of Portville
Mitigation Planning Committee	No	-
Environmental Board/Commission	No	-
Open Space Board/Committee	No	-
Economic Development Commission/Committee	No	-
Warning Systems / Services (reverse 911, outdoor warning signals)	Yes	Weston Mills Fire Dept.
Maintenance programs to reduce risk	No	-
Mutual aid agreements	Yes	State, DEC
Technical/Staffing Capability		
Planners or engineers with knowledge of land development and land management practices	No	-
Engineers or professionals trained in building or infrastructure construction practices	No	-
Planners or engineers with an understanding of natural hazards	No	-
Staff with expertise or training in benefit/cost analysis	No	-
Professionals trained in conducting damage assessments	No	-
Personnel skilled or trained in GIS and/or Hazards United States (HAZUS) – Multi-Hazards (MH) applications	No	Southern Tier West
Scientist familiar with natural hazards	No	-
NFIP Floodplain Administrator (FPA)	Yes	Code Enforcement
Surveyor(s)	No	-
Emergency Manager	Yes	Weston Mills Fire Dept
Grant writer(s)	No	-
Resilience Officer	No	-
Other	No	-

Fiscal Capability

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

Table 9.36-6. Fiscal Capabilities

Financial Resources	Accessible or Eligible to Use (Yes/No)
Community development Block Grants (CDBG, CDBG-DR)	Yes
Capital improvements project funding	Yes
Authority to levy taxes for specific purposes	Yes

Financial Resources	Accessible or Eligible to Use (Yes/No)
User fees for water, sewer, gas or electric service	Yes
Impact fees for homebuyers or developers of new development/homes	Yes
Stormwater utility fee	Yes
Incur debt through general obligation bonds	Yes
Incur debt through special tax bonds	Yes
Incur debt through private activity bonds	Yes
Withhold public expenditures in hazard-prone areas	Yes
Other federal or state Funding Programs	Yes
Open Space Acquisition funding programs	Yes
Other	Yes

Education and Outreach Capability

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

Table 9.36-7. Education and Outreach Capabilities

Indicate if your jurisdiction has the following resources	Yes/No; Please describe
Public information officer or communications office?	Yes – Supervisor
Personnel skilled or trained in website development?	Yes, Southern Tier West
Hazard mitigation information available on your website; if yes, describe	No
Social media for hazard mitigation education and outreach; if yes, briefly describe.	No
Citizen boards or commissions that address issues related to hazard mitigation; if yes, briefly describe.	No
Other programs already in place that could be used to communicate hazard-related information; if yes, briefly describe.	No
Warning systems for hazard events; if yes, briefly describe.	Weston Mills Fire Dept.
Natural disaster/safety programs in place for schools; if yes, briefly describe.	Yes, fire and severe storms programs
Other	No

Community Classifications

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

Table 9.36-8. Community Classifications

Program	Participating? (Yes/No)	Classification (if applicable)	Date Classified (if applicable)
Community Rating System (CRS)	No	-	-
Building Code Effectiveness Grading Schedule (BCEGS)	No	-	-
Public Protection (ISO Fire Protection Classes 1 to 10)	No	-	-
NYSDEC Climate Smart Community	No	-	-
Storm Ready Certification	No	-	-
Firewise Communities classification	No	-	-
Other	No	-	-

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

Adaptive Capacity

Adaptive capacity is defined as "the ability of systems, institutions, humans and other organisms to adjust to potential damage, to take advantage of opportunities, or respond to consequences" (IPCC 2014). In other words, it describes a jurisdiction's current ability to adjust to, protect from, or withstand a hazard event. This term is often discussed in reference to climate change; however, adaptive capacity also includes an understanding of local capacity for adapting to current and future risks and changing conditions. The table below summarizes the adaptive capacity for each hazard and the jurisdiction's rating.

- The town does not currently have access to resources to determine the possible impacts of climate change upon the municipality and would rely on the county.

Table 9.36-9. Adaptive Capacity

Hazard	Adaptive Capacity (Capabilities) - High/Medium/Low*
Flood	Medium
Landslide	Medium
Severe Storm	High
Severe Winter Storm	High
Utility Failure	Medium
Wildfire	Medium

**High* *Capacity exists and is in use*
Medium *Capacity may exist; but is not used or could use some improvement*
Low *Capacity does not exist or could use substantial improvement*
Unsure *Not enough information is known to assign a rating*

National Flood Insurance Program

This section provides specific information on the management and regulation of the regulatory floodplain.

NFIP Floodplain Administrator (FPA)

Walt Putt, Code Enforcement Officer.

National Flood Insurance Program (NFIP) Summary

Areas in the Town of Portville prone to flooding include Barber Town, Prosser Road, Gleason Hollow, Creek Road, Carroll Road, and Steam Valley Road. The town does not maintain a list of property owners interested in flood mitigation, but they have an interest in creating a list. No RiskMAP projects are currently underway in the town. The town does not make Substantial Damage determinations and no properties have been mitigated. The town's flood hazard maps adequately address the flood risk; however, they are outdated and could be updated.

The following table summarizes the NFIP statistics for the Town of Portville.

Table 9.36-10. NFIP Summary

Municipality	# Policies	# Claims (Losses)	Total Loss Payments	# RL Properties
Town of Portville	66	87	$568,118	0

Source: *NYS DHES 2020*
RL *Repetitive Loss; SRL Severe Repetitive Loss*

Resources

The Town Code Enforcement is responsible for floodplain management. There are not any certified floodplain managers on staff and the town does not have access to resources to determine possible future flooding conditions from climate change. The floodplain management staff needs training to support its floodplain management program. The town's NFIP administration services include permit review, no-rise certificate, flood resistance, non-conversion agreement, and flood plain development. The town determines if a proposed development on an existing structure would qualify as a substantial improvement by reviewing property per building codes; over 144 sq ft requires building permit. The barriers from running an effective NFIP program include low volume, and not enough training.

Compliance History

The Town of Portville does not have any outstanding NFIP compliance violations that need to be addressed. The town's most recent Community Assistance Visit (CAV) was on June 12, 2013 and Community Assistance Contact (CAC) on August 25, 2010.

Regulatory

The municipal code of the town's flood damage prevention ordinance is the Land Use Control Ordinance (last updated 1984). The town's floodplain management program is outdated and does not include the required freeboard. The Building Code supports floodplain management and the meeting of NFIP requirements.

Additional Areas of Existing Integration

Town Website: The Town of Portville's website (http://www.portvilleny.net/) hosts town information and announcements.

Evacuation, Sheltering, Temporary Housing, and Permanent Housing

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

Evacuation Routes

The town has identified Route 417 as its East-West evacuation route and Route 305 as its North-South evacuation route.

Sheltering

Weston Mills VFD and Community Center has been identified as the designated shelter in the event of an emergency. It is located at 1310 Orleans-Portville Road and can hold 200 people. It accommodates pets, is ADA compliant ad has backup power.

Temporary Housing

The Town of Portville has identified three locations as temporary housing. The first site is Portville Central School located at 500 Elm Street. It has water, electric, and septic and can hold 100 people. The second site is Olean Wholesale which is a parking lot/field located at 1587 Haskell Road. It has electric, can hold 500 people and would need updated utilities to ensure conformance with the NYS Uniform Fire Prevention and Building Code. The third site is a trailer park located at 1263 Portville Obi Road. It has water, electric, and septic and can hold 20 people.

Permanent Housing

The town has identified Olean Wholesale, a parking lot/field as their permeant housing site in the case of an emergency. It is located at 1587 Haskell Road and can hold 100 people. It has electric and would need updated utilities to include water/sewer in order to conform with the NYS Uniform Fire Prevention and Building Code. The site locations are also identified in Figure 9.36-1 and Figure 9.36-2.

9.36.5 Hazard Event History Specific to the Town of Portville

Cattaraugus County has a history of natural and non-natural hazard events as detailed in Volume I, Section 5 (Risk Assessment) of this plan. A summary of historical events is provided in each of the hazard profiles and includes a chronology of events that have affected the county and its municipalities. The Town of Portville's history of federally declared (as presented by FEMA) and significant hazard events (as presented in NOAA-NCEI) is consistent with that of Cattaraugus County. Table 9.36-11 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 of this plan.

Table 9.36-11. Hazard Event History

Dates of Event	Event Type (Disaster Declaration if applicable)	County Designated?	Summary of Event	Municipal Summary of Damages and Losses
October 27-November 8, 2012	Hurricane Sandy (FEMA-EM-3351)	Yes	Remnants of Hurricane Sandy brought strong winds and heavy rains to western and north central New York. Rainfall amounts of two to five inches were measured across the area with some area creeks reaching bankful. The high winds downed trees and power lines throughout the region. Wind gusts were measured to 60 mph.	Although the county was impacted, the Town of Portville did not report any damages.
May 13-22, 2014	Severe Storms and Flooding (FEMA-DR-4180)	Yes	Heavy showers and embedded thunderstorms trained across the western Southern tier. Rainfall amounts of one to three inches in just a few hours resulted in flash flooding across the region. Roads and culverts were washed out. Numerous roads were water-covered and closed.	Although the county was impacted, the Town of Portville did not report any damages.
November 17-26, 2014	Severe Winter Storm, Snowstorm, and Flooding (FEMA-DR-4204)	Yes	Lake effect snow resulted in heavy snowfall across the region.	Although the county was impacted, the Town of Portville did not report any damages.
July 14, 2015	Flash Flood	No	Numerous rounds of storms along a stationary cold front resulted in flash flooding. Damaging winds occurred in some areas of the county.	Although the county was impacted, the Town of Portville did not report any damages.
March 8, 2017	High Wind	No	A strong low-pressure system brought strong and damaging winds to the entire region.	Although the county was impacted, the Town of Portville did not report any damages.

Notes:

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

9.36.6 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 Town of Portville's risk assessment results and data used to determine the hazard ranking.

A gradient of certainty was developed to summarize the confidence level regarding the input used to populate the hazard ranking. A certainty factor of high, medium or low was selected and assigned to each hazard to provide a level of transparency and create increased understanding of the data used to support the resulting ranking. The following scale was used to assign a certainty factor to each hazard:

- High—Defined scenario/event to evaluate; probability calculated; evidenced-based/quantitative assessment to estimate potential impacts through hazard modeling.
- Moderate—Defined scenario/event or only a hazard area to evaluate; estimated probability; combination of quantitative (exposure analysis, no hazard modeling) and qualitative data to estimate potential impacts.
- Low—Scenario or hazard area is undefined; there is a degree of uncertainty regarding event probability; majority of potential impacts are qualitative.

Hazard Ranking

This section provides the community specific identification of the primary hazard concerns based on identified problems, impacts and the results of the risk assessment as presented in Section 5 (Risk Assessment) of the plan. The ranking process involves an assessment of the likelihood of occurrence for each hazard, along with its potential impacts on people, property, and the economy as well as community capability and changing future climate conditions. This input supports the mitigation action development to target those hazards with highest level of concern.

As discussed in Section 5.3 (Hazard Ranking), each participating jurisdiction may have differing degrees of risk exposure and vulnerability compared to Cattaraugus 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 Portville. The Town of Portville. 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 of Portville indicated the following:

- The Town of Portville decided to change severe storm and severe winter storm from low to medium due to the frequency and severity of previous events.

Table 9.36-12. Hazard Ranking Input

Flood	Landslide	Severe Storm*	Severe Winter Storm*	Utility Failure	Wildfire
High	Low	Medium	Medium	High	Low

Note: The scale is based on the following hazard rankings as established in Section 5.3.

**The town changed the initial ranking of this hazard based on event history, experience, and feedback from the town*

Critical Facilities

New York Department of Environmental Conservation (DEC) 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, the State places a high priority on exposure to flooding. Critical facilities located in an SFHA, or having ever sustained previous flooding, must be protected to the 500-year flood event, or worst damage scenario. For those that do not meet this criterion, 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 annual chance 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 9.36-13. Potential Flood Losses to Critical Facilities

Name	Type	Exposure 1% Event	Addressed by Proposed Action
Abundant Life Ministries of Cattaraugus County	Religious	X	2020-Town of Portville-002
River's Edge United Methodist	Religious	X	2020-Town of Portville-003

Source: Cattaraugus County 2020

Identified Issues

The municipality has identified the following vulnerabilities within their community:

- Landslides along the Allegany River is threatening property and roads in the town.
- The Abundant Life Ministries of Cattaraugus County is in the special flood area and vulnerable to flooding. Critical facilities need to be protected to the 0.2% annual chance flood event.
- River's Edge United Methodist is in the special flood area and vulnerable to flooding. Critical facilities need to be protected to the 0.2% annual chance flood event.
- Viaduct flooded/repetitive flooding on State Route 417/Anderson.
- Steam Valley flooding, culverts are undersized.
- Flooding on Creek Road (near bridge) and Haskell Road (County).
- Rural/underserved community with poor internet accessibility.
- The Town of Portville lacks an updated flood damage prevention ordinance.
- Floodplain Administration staff require additional training.
- Additional public education on wildfire risk is needed.

9.36.7 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 2014 Plan. Actions that are carried forward as part of this plan update are included in the following subsection in its own table with prioritization. Previous actions that are now on-going programs and capabilities are indicated as such in the following table and may also be found under 'Capability Assessment' presented previously in this annex.

Table 9.36-14. Status of Previous Mitigation Actions

Project #	Project Name	Hazard(s) Addressed	Responsible Party	Brief Summary of the Original Problem and the Solution (Project)	Status (In Progress, Ongoing, No Progress, Complete)	Evaluation of Success (if complete)		Next Steps 1. Project to be included in 2020 HMP or Discontinue 2. If including action in the 2020 HMP, revise/reword to be more specific (as appropriate). 3. If discontinue, explain why.
G1.9	Study slide conditions in the Town of Portville near the Allegheny River.	Landslide	Town	River erosion	No Progress	Cost		1. Include in 2020 HMP, Action 2020-Town of Portville-001 2. 3.
						Level of Protection		
						Damages Avoided; Evidence of Success		

Completed Mitigation Initiatives Not Identified in the Previous Mitigation Strategy

The Town of Portville has identified the following mitigation projects/activities that have also been completed but were not identified in the previous mitigation strategy in the 2014 Plan:

- None identified

Proposed Hazard Mitigation Initiatives for the Plan Update

The Town of Portville. participated in a mitigation action workshop in September 2020 and was provided the following FEMA publications to use as a resource as part of their comprehensive review of all possible activities and mitigation measures to address their hazards: FEMA 551 'Selecting Appropriate Mitigation Measures for Floodprone Structures' (March 2007) and FEMA 'Mitigation Ideas – A Resource for Reducing Risk to Natural Hazards' (January 2013).

Table 9.36-15 summarizes the comprehensive range of specific mitigation initiatives the Town of Portville. would like to pursue in the future to reduce the effects of hazards. Some of these initiatives may be previous actions carried forward for this plan update. These initiatives are dependent upon available funding (grants and local match availability) and may be modified or omitted at any time based on the occurrence of new hazard events and changes in municipal priorities. Both the four FEMA mitigation action categories and the six CRS mitigation action categories are listed in the table below to further demonstrate the wide range of activities and mitigation measures selected.

As discussed in Section 6, 14 evaluation/prioritization criteria are used to complete the prioritization of mitigation initiatives. For each new mitigation action, a numeric rank is assigned (-1, 0, or 1) for each of the 14 evaluation criteria to assist with prioritizing your actions as 'High', 'Medium', or 'Low.' The table below summarizes the evaluation of each mitigation initiative, listed by Action Number.

Table 9.36-16 provides a summary of the prioritization of all proposed mitigation initiatives for the Plan update.

Table 9.36-15. 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
2020-Town of Portville-001	Study slide conditions in the Town of Portville near the Allegheny River.	1	Landslide	**Problem:** The town needs to determine vulnerabilities to landslides along the Allegany River that is threatening property and roads. **Solution:** Work with county to conduct landslide surveys to determine local vulnerabilities to landslides threatening properties and roads, coordinate with municipalities to limit development in these areas and develop remedial measures for existing vulnerabilities	No	None	Within 5 years	Town supervisor, Engineer	TBD on landslide study	Local vulnerabilities to landslides threatening property and roads determined	Municipal Budget	High	SIP	PR
2020-Town of Portville-002	Work with Abundant Life Ministries of Cattaraugus County facility owner to protect facility to the 0.2% annual chance flood event	2	Flood	**Problem:** The Abundant Life Ministries of Cattaraugus County is in the special flood hazard area and vulnerable to flooding. Critical facilities must be protected to the 0.2% annual chance flood event. **Solution:** the FPA will contact the facility manager and discuss options to protect the facility to the 0.2% annual chance flood event.	Yes	None	Within 6 months	FPA, Facility manager	<$100	Ensures continuity of operations of the facility	FEMA HMGP BRIC, USDA Community Facilities Grant Program, EMPG, town budget	Med.	EAP	PI
2020-Town of Portville-003	Work with the River's Edge United Methodist facility owner to protect the facility to the	2	Flood	**Problem:** River's Edge United Methodist is in the special flood hazard area and vulnerable to flooding. Critical facilities must be protected to the 0.2% annual chance flood event.	Yes	None	Within 6 months	FPA, Facility manager	<$100	Ensures continuity of operations of the facility	FEMA HMGP BRIC, USDA Community Facilities Grant	Med.	EAP	PI

Table 9.36-15. 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
	0.2% annual chance flood event			**Solution:** the FPA will contact the facility manager and discuss options to protect the facility to the 0.2% annual chance flood event.							Program, EMPG, town budget			
2020-Town of Portville-004	Repetitive flooding	2	Flood, Severe Storm	**Problem**: Viaduct flooding/repetitive flooding on State Route 417/Anderson during severe storm events. **Solution**: Conduct an Engineering/design study to determine best mitigation action (strengthen shoulders, raise roadway, create culverts) and the town will implement actions on roadway.	No	None	Within 5 years	DOT	TBD on engineering study	Roads protected from washout	HMGP, BRIC, operating budget	High	SIP	SP
2020-Town of Portville-005	Culvert Replacement along Stream Valley	1	Flood, Severe Storm	**Problem**: Culvert on Steam Valley is undersized and needs replaced. Flooding and debris buildup occur during heavy rain events. **Solution**: The town will replace and upsize the repetitively damaged/undersized culverts (with double culverts to single and make larger (box culvert) and new headwalls), following an engineering study to determine the appropriate size upgrades.	No	None	Within 5 years	Highway Department, Engineer	$20,000	Reduction in culvert damages and flood risk	HMGP, BRIC, CHIPS, town budget	High	SIP	SP
2020-Town of	Floodplain Feasibility Study	2	Flood, Severe Storm	**Problem**: Repetitive flooding of Haskell Road homes: 1860, 1841, and	No	None	Within 5 years	Highway Department	TBD by selected	Roads protected from flooding	HMGP, BRIC,	High	EAP	PI

Table 9.36-15. 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
Portville-006				1996 during severe storm events. **Solution**: Address flooding issues within the town by conducting a feasibility study to determine best mitigation action (elevation/buyouts of properties) and implement the best action for the properties to mitigate flood risk.					mitigation actions		operating budget			
2020-Town of Portville-007	Improve internet access	2	Utility Failure	**Problem**: The town is a rural/underserved community with poor internet accessibility **Solution**: Work with telecommunications companies to conduct a study to determine where to build towers to improve internet access in rural communities	No	None	Within 5 years	Town Administration	TBD on study	Accessibly of internet improved	Operating budget	Med.	SIP	PP
2020-Town of Portville-008	Develop Flood Damage Prevention Ordinance	2	Flood	**Problem**: The Town of Portville lacks an updated flood damage prevention ordinance. **Solution**: The town will develop and adopt an updated flood damage prevention ordinance	No	None	Within 6 months	Town board	<$100	Meet NFIP requirements, buildings built to a higher standard.	Town Budget	High	LPR	PR
2020-Town of Portville-009	Floodplain Administrator to attend training on floodplain management	3	Flood	**Problem:** Floodplain Managers require training. Those responsible for floodplain management are lacking in their knowledge of required duties.	No	None	Within 5 years	Cattaraugus County OES/ Cattaraugus County Codes Department	$3,000	Certified floodplain managers trained Floodplain	County budget	High	LPR	PR

Table 9.36-15. 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
				Solution: Obtain/host training and certification for floodplain managers						management improved.				
2020-Town of Portville-010	Provide information to residents, business owners, and organizations about what they can do to prevent their structures from wildfires.	3	Wildfires	**Problem:** Additional public education on wildfire risk is needed. **Solution:** The town will develop an outreach program to educate the public about wildfires and what they can do to protect their structures.	No	None	1 year	Town board	$4,000	Public educated and better prepared and protected from hazards	Town budget	High	EAP	PI
2020-Town of Portville-011	Update the Emergency Operations Plan	2	All Hazards	**Problem:** The town has an outdated emergency operation plan. **Solution:** The town will update the town's emergency operation plan	No	None	Within 1 year	County, Town	<$100	EOPs updated	Municipal budget	High	LPR	ES
2020-Town of Portville-012	Update Building Codes	2	All Hazards	**Problem:** The town has outdated building codes. **Solution:** The town will update the town's building codes.	No	None	Within 1 year	County, Town	<$100	Building Codes to provide standards to protect buildings from hazards	Municipal Budget	High	LPR	PR
2020-Town of Portville-013	Generators for Town Hall	2	All Hazards	**Problem**: Backup power sources are necessary to maintain critical services for critical facilities. The Town Hall lacks a permanent power source. The Town Hall location houses the Town Hall, Court, and Clerk. **Solution**: The Town Engineer will research what	Yes	None	1 year	Engineer, Town Board	$20,000	Ensures continuity of operations of Town Hall	FEMA HMGP, BRIC, USDA Community Facilities Grant Program, EMPG, Municipal Budget	High	SIP	PP

Table 9.36-15. 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
				size generator is necessary to supply backup power to the Town Hall. The town will then install a backup power generator and necessary electrical components.										
2020-Town of Portville-014	Culvert for Marin Road	1	Flood, Severe Storm	**Problem:** The culvert on Martin Road is deteriorating and if it fails, there will be no road access. It needs to be replaced. Flooding occurs during heavy rain events. **Solution:** The town will replace deteriorating culvert with concrete or plastic and new headwalls, following an engineering study to determine the appropriate size upgrades.	No	None	Within 1 year	Engineer, Highway Department	$20,000	Reduction in culvert damages and flood risk	HMGP, BRIC, CHIPS, town budget	High	SIP	SP
2020-Town of Portville-015	Culvert for Linn Road	1	Flood, Severe Storms	**Problem:** The culvert on Linn Road needs replaced; Road shoulders are deteriorating. Flooding occurs during heavy rain events. **Solution:** The town will replace deteriorating culvert and headwalls following an engineering study to determine the appropriate size upgrades.	No	None	Within 1 year	Engineer, Highway Department	$20,000	Reduction in culvert damages and flood risk	HMGP, BRIC, CHIPS, town budget	High	SIP	SP
2020-Town of Portville-016	Culvert for Creek Road	1	Flood, Severe Storms	**Problem:** The culvert on Creek Road is deteriorating and needs to be replaced. Flooding occurs during heavy rain events.	No	None	Within 1 year	Engineer, Highway Department	$20,000	Reduction in culvert damages and flood risk	HMGP, BRIC, CHIPS, town budget	High	SIP	SP

Table 9.36-15. 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
				Solution: The town will replace deteriorating culvert following an engineering study to determine the appropriate size upgrades.										
2020-Town of Portville-017	Culvert for Main Windfall	1	Flood, Severe Storms	**Problem:** The culvert on Main Windfall is deteriorating and needs replaced. Flooding occurs during heavy rain events. **Solution:** The town will replace deteriorating culvert following an engineering study to determine the appropriate size upgrades.	No	None	Within 1 year	Engineer, Highway Department	$20,000	Reduction in culvert damages and flood risk	HMGP, BRIC, CHIPS, town budget	High	SIP	SP
2020-Town of Portville-018	Raise the roads: Barber Town Rd, Creek Rd, Gleason Hl, Prosser Rd	1,2	Flood, Severe Storm	**Problem:** Barber Town Rd, Creek Rd, Gleason Hl, and Prosser Rd continually floods causing dangerous driving conditions. **Solution:** Conduct an engineering study to determine which roads to raise to prevent deterioration and washout during heavy rain events. The town will raise roads after engineering study is conducted.	No	None	Within 5 years	Town, Highway Department, Engineer	TBD on Feasibility Study	Roads protected from flooding	HMGP, BRIC	Med.	SIP	SP

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

Acronyms and Abbreviations:
CAV Community Assistance Visit
CRS Community Rating System

Potential FEMA HMA Funding Sources:
FMA Flood Mitigation Assistance Grant Program
HMGP Hazard Mitigation Grant Program

Timeline:
The time required for completion of the project upon implementation

DPW	*Department of Public Works*	*BRIC*	*Building Resilient Infrastructure and Communities*
EHP	*Environmental Planning and Historic Preservation*		
FEMA	*Federal Emergency Management Agency*		
FPA	*Floodplain Administrator*		
HMA	*Hazard Mitigation Assistance*		
Med.	*Medium*		
N/A	*Not applicable*		
NFIP	*National Flood Insurance Program*		
OEM	*Office of Emergency Management*		

Cost:
The estimated cost for implementation.

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

Critical Facility:

Yes *Critical Facility located in 1% floodplain*

Mitigation Category:

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

CRS Category:

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

Table 9.36-16. 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
2020-Town of Portville-001	Study slide conditions in the Town of Portville near the Allegheny River.	0	1	1	1	1	1	0	1	1	1	1	1	1	1	12	High
2020-Town of Portville-002	Work with Abundant Life Ministries of Cattaraugus County facility owner to protect the facility to the 0.2% annual chance flood event	0	1	0	1	1	0	1	1	1	0	0	0	1	1	8	Medium
2020-Town of Portville-003	Work with River's Edge United Methodist facility owner to protect the facility to the 0.2% annual chance flood event	0	1	0	1	1	0	1	1	1	0	0	0	1	1	8	Medium
2020-Town of Portville-004	Repetitive flooding	0	1	1	1	1	1	0	1	1	1	1	1	1	1	12	High
2020-Town of Portville-005	Culvert Replacement along Stream Valley	0	1	1	1	1	1	0	1	1	1	1	1	1	1	12	High
2020-Town of Portville-006	Floodplain Feasibility Study	0	1	1	1	1	1	0	0	1	1	0	1	0	1	9	High
2020-Town of Portville-007	Improve internet access	0	0	1	1	1	1	0	0	1	1	0	1	0	1	8	Medium
2020-Town of Portville-008	Develop Flood Damage Prevention Ordinance	0	1	1	1	1	1	1	1	1	1	0	1	1	1	12	High
2020-Town of Portville-009	Floodplain Administrator to attend training on floodplain management	1	1	1	1	1	1	1	1	1	1	0	1	1	1	13	High
2020-Town of Portville-010	Provide information to residents, business owners, and organizations about what they can do to	1	1	1	1	1	1	1	1	1	1	0	1	1	1	13	High

Table 9.36-16. 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
	prevent their structures from wildfires.																
2020-Town of Portville-011	Update the Emergency Operations Plan	0	1	1	1	1	1	1	1	1	1	0	1	1	1	12	High
2020-Town of Portville-012	Update Building Codes	0	1	1	1	1	1	1	1	1	1	0	1	1	1	12	High
2020-Town of Portville-013	Generators for Town Hall	1	1	1	1	1	1	0	1	1	1	0	1	1	1	12	High
2020-Town of Portville-014	Culvert for Marin Road	0	1	1	1	1	1	0	1	1	1	1	1	1	1	12	High
2020-Town of Portville-015	Culvert for Linn Road	0	1	1	1	1	1	0	1	1	1	1	1	1	1	12	High
2020-Town of Portville-016	Culvert for Creek Road	0	1	1	1	1	1	0	1	1	1	1	1	1	1	12	High
2020-Town of Portville-017	Culvert for Main Windfall	0	1	1	1	1	1	0	1	1	1	1	1	1	1	12	High
2020-Town of Portville-018	Raise the roads: Barber Town Rd, Creek Rd, Gleason Hl, Prosser Rd	0	1	0	1	1	1	0	1	1	1	1	0	0	0	8	Medium

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

9.36.8 Proposed Mitigation Action Types

The table below indicates the range of proposed mitigation action categories.

Table 9.36-17. Analysis of Mitigation Actions by Hazard and Category

	FEMA				CRS					
Hazard	LPR	SIP	NSP	EAP	PR	PP	PI	NR	SP	ES
Flood	X	X		X	X	X			X	X
Landslide	X	X		X	X	X				X
Severe Storm	X	X		X	X	X			X	X
Severe Winter Storm	X	X			X	X				X
Utility Failure	X	X			X	X	X			X
Wildfire	X	X		X	X	X	X			X

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

9.36.9 Staff and Local Stakeholder Involvement in Annex Development

The Town of Portville 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 Deputy Supervisor, Clerk, and Code Enforcement Officer. The Code Enforcement Officer represented the community on the Cattaraugus 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 (Meetings).

9.36.10 Hazard Area Extent and Location

Hazard area extent and location maps have been generated for the Town of Portville that illustrates the probable areas impacted within the municipality. These maps are 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 maps have only been generated for those hazards that can be clearly identified using mapping techniques and technologies, and for which the Town of Portville has significant exposure. The maps are illustrated below.

Figure 9.36-1. Town of Portville Hazard Area Extent and Location Map 1

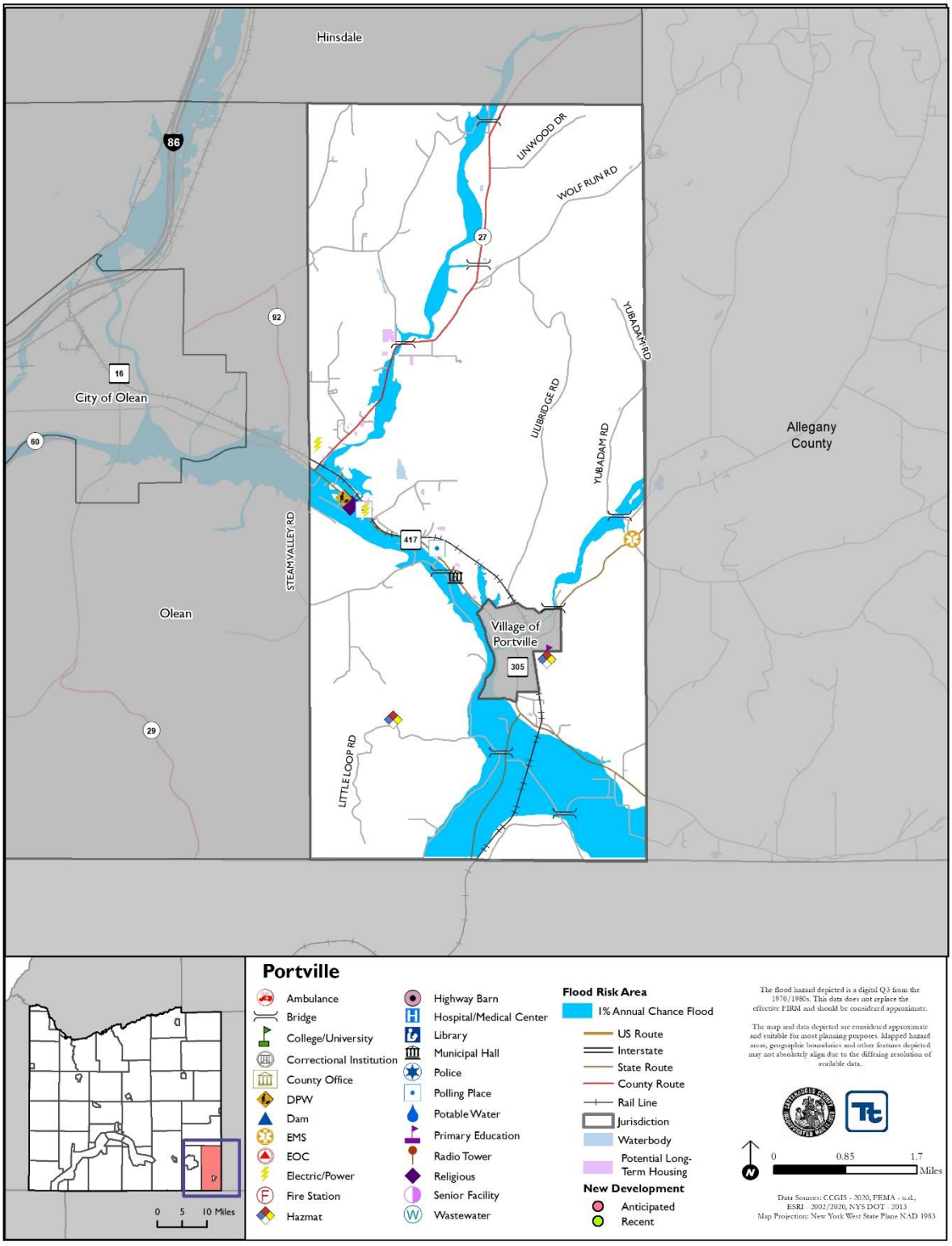
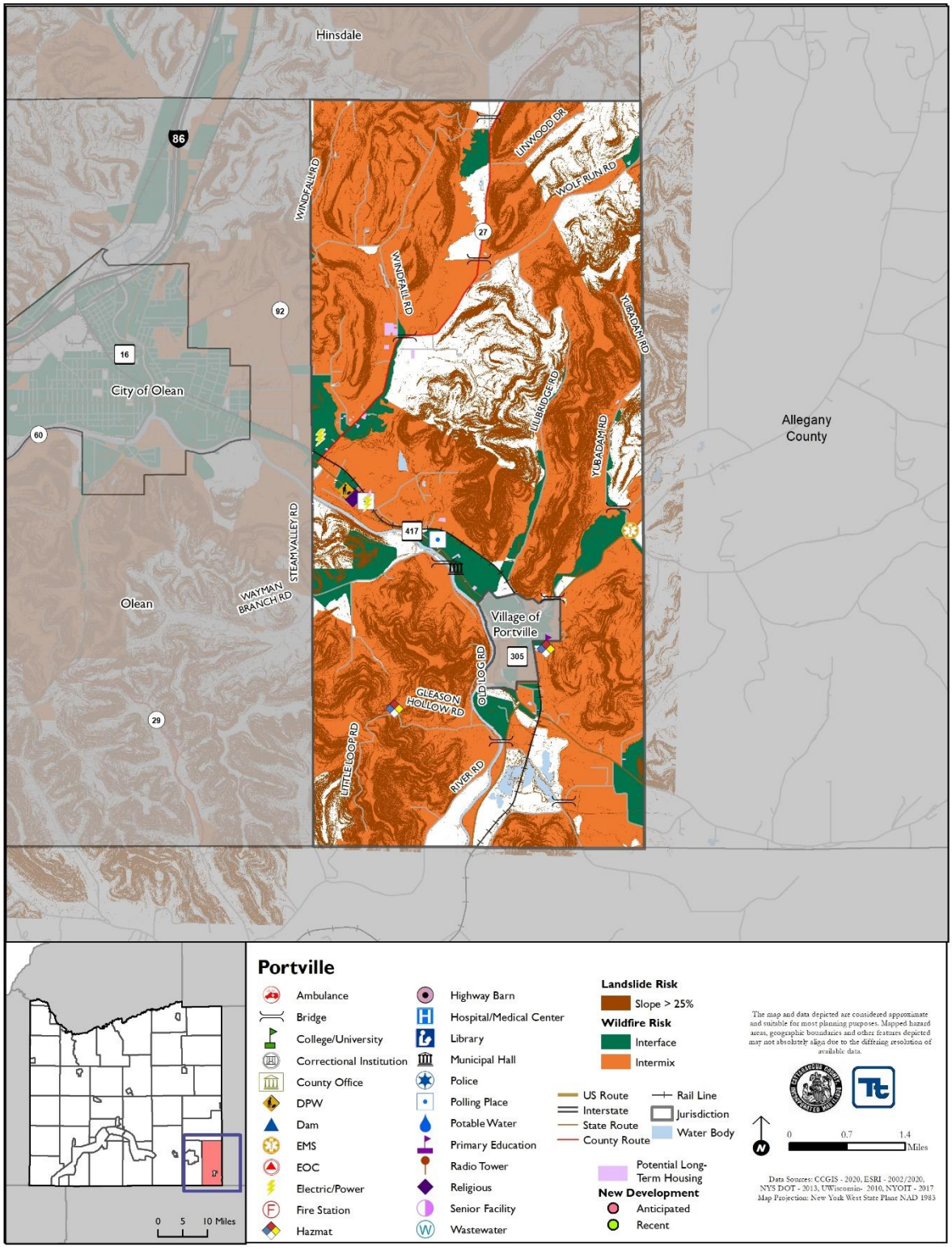


Figure 9.36-2. Town of Portville Hazard Area Extent and Location Map 2



Town of Portville Action Worksheet			
Project Name:	Culvert Replacement along Stream Valley Road		
Project Number:	2020-Town of Portville-005		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood, Severe Storm		
Description of the Problem:	Culvert on Steam Valley is undersized and needs replaced. Flooding and debris buildup occur during heavy rain events.		
Action or Project Intended for Implementation			
Description of the Solution:	The town will replace and upsize the repetitively damaged/undersized culverts (with double culverts to single and make larger (box culvert) and new headwalls), following an engineering study to determine the appropriate size upgrades.		
Is this project related to a Critical Facility?	Yes ☐	No ☒	
Is this project related to a Critical Facility located within the Special Flood Hazard Area?	Yes ☐	No ☒	
(If yes, this project must intend to protect the 0.2%-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	N/A	**Estimated Benefits (losses avoided):**	Reduction in culvert damages and flood risk
Useful Life:	30 years	**Goals Met:**	1
Estimated Cost:	$20,000	**Mitigation Action Type:**	Structure and Infrastructure Project
Plan for Implementation			
Prioritization:	High	**Desired Timeframe for Implementation:**	Within 5 years
Estimated Time Required for Project Implementation:	1 year	**Potential Funding Sources:**	HMGP, BRIC, CHIPS, town budget
Responsible Organization:	Highway Department, Engineer	**Local Planning Mechanisms to be Used in Implementation if any:**	Hazard mitigation, Stormwater management
Three Alternatives Considered (including No Action)			
Alternatives:	**Action**	**Estimated Cost**	**Evaluation**
	No Action	$0	Problem continues.
	Remove road	$20,000	Roadway cannot be removed
	Relocate road to another location	$50,000	Roadway will still need to cross stream, costly
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			

Action Worksheet		
Project Name:	Culvert replacement along Stream Valley Road	
Project Number:	2020-Town of Portville-005	
Criteria	**Numeric Rank (-1, 0, 1)**	**Provide brief rationale for numeric rank when appropriate**
Life Safety	0	
Property Protection	1	Project will protect roadway from flooding, culvert damages
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	The town has the legal authority to complete the project.
Fiscal	0	Project requires funding support.
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	1	Severe Storm, Flood
Timeline	1	1 year
Agency Champion	1	Engineer, Highway
Other Community Objectives	1	
Total	12	
Priority (High/Med/Low)	High	

Town of Portville Action Worksheet			
Project Name:	Generators for Town Hall		
Project Number:	2020-Town of Portville-013		
Risk / Vulnerability			
Hazard(s) of Concern:	All Hazards		
Description of the Problem:	Backup power sources are necessary to maintain critical services for critical facilities. The Town Hall lacks a permanent power source. The Town Hall location houses the Town Hall, Court, and Clerk.		
Action or Project Intended for Implementation			
Description of the Solution:	The Town Engineer will research what size generator is necessary to supply backup power to the Town Hall. The town will then install a backup power generator and necessary electrical components.		
Is this project related to a Critical Facility?	Yes ☒	No ☐	
Is this project related to a Critical Facility located within the Special Flood Hazard Area?	Yes ☐	No ☒	
(If yes, this project must intend to protect the 0.2%-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	N/A	**Estimated Benefits (losses avoided):**	Ensures continuity of operations of Town Hall
Useful Life:	30 years	**Goals Met:**	2
Estimated Cost:	$20,000	**Mitigation Action Type:**	Structure and Infrastructure Project
Plan for Implementation			
Prioritization:	High	**Desired Timeframe for Implementation:**	Within 5 years
Estimated Time Required for Project Implementation:	1 year	**Potential Funding Sources:**	FEMA HMGP, BRIC, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, Municipal Budget
Responsible Organization:	Engineer, Town Board	**Local Planning Mechanisms to be Used in Implementation if any:**	Hazard mitigation, Emergency management
Three Alternatives Considered (including No Action)			
Alternatives:	**Action**	**Estimated Cost**	**Evaluation**
	No Action	$0	Problem continues.
	Install solar panels	$100,000	Weather dependent; need large amount of space for installation; expensive if repairs needed
	Install wind turbine	$100,000	Weather dependent; poses a threat to wildlife; expensive repairs if needed
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			

Action Worksheet		
Project Name:	Generators for Town Hall	
Project Number:	2020-Town of Portville-013	
Criteria	**Numeric Rank (-1, 0, 1)**	**Provide brief rationale for numeric rank when appropriate**
Life Safety	1	Project will protect critical services of Town Hall
Property Protection	1	Project will protect Town Hall from power loss.
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	The town has the legal authority to complete the project.
Fiscal	0	Project requires funding support.
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	0	Utility Failure
Timeline	1	1 year
Agency Champion	1	Town Board, Engineer
Other Community Objectives	1	
Total	12	
Priority (High/Med/Low)	High	

Town of Portville Action Worksheet			
Project Name:	Culvert for Martin Road		
Project Number:	2020-Town of Portville-014		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood, Severe Storm		
Description of the Problem:	The culvert on Martin Road is deteriorating and if it fails, there will be no road access. It needs to be replaced. Flooding occurs during heavy rain events.		
Action or Project Intended for Implementation			
Description of the Solution:	The town will replace deteriorating culvert with concrete or plastic and new headwalls, following an engineering study to determine the appropriate size upgrades.		
Is this project related to a Critical Facility?	Yes ☐	No ☒	
Is this project related to a Critical Facility located within the 100-year floodplain?	Yes ☐	No ☒	
(If yes, this project must intend to protect the 500-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	N/A	**Estimated Benefits (losses avoided):**	Reduction in culvert damages and flood risk
Useful Life:	30 years	**Goals Met:**	2
Estimated Cost:	$20,000	**Mitigation Action Type:**	Structure and Infrastructure
Plan for Implementation			
Prioritization:	High	**Desired Timeframe for Implementation:**	Within 5 years
Estimated Time Required for Project Implementation:	1 year	**Potential Funding Sources:**	HMGP, BRIC, CHIPS, town budget
Responsible Organization:	Engineer, Highway Department	**Local Planning Mechanisms to be Used in Implementation if any:**	Hazard mitigation, Stormwater management

Three Alternatives Considered (including No Action)			
Alternatives:	**Action**	**Estimated Cost**	**Evaluation**
	No Action	$0	Problem continues.
	Remove road	$20,000	Roadway cannot be removed
	Relocate road to another location	$50,000	Roadway will still need to cross stream, costly

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

Action Worksheet		
Project Name:	Culvert for Martin Road	
Project Number:	2020-Town of Portville-014	
Criteria	**Numeric Rank (-1, 0, 1)**	**Provide brief rationale for numeric rank when appropriate**
Life Safety	0	
Property Protection	1	Project will protect roadway from flooding, culvert damages
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	The town has the legal authority to complete the project.
Fiscal	0	Project requires funding support.
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	1	Severe Storm, Flood
Timeline	1	1 year
Agency Champion	1	Engineer, Highway
Other Community Objectives	1	
Total	12	
Priority (High/Med/Low)	High	

Town of Portville Action Worksheet			
Project Name:	Culvert for Linn Road		
Project Number:	2020-Town of Portville-015		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood, Severe Storm		
Description of the Problem:	Culvert needs replaced; road shoulders deteriorating		
Action or Project Intended for Implementation			
Description of the Solution:	Install a new culvert and head walls on Linn Road		
Is this project related to a Critical Facility?	Yes ☐	No ☒	
Is this project related to a Critical Facility located within the 100-year floodplain?	Yes ☐	No ☒	
(If yes, this project must intend to protect the 500-year flood event or the actual worse case damage scenario, whichever is greater)			
Level of Protection:	N/A	**Estimated Benefits (losses avoided):**	Culvert updated and properly sized; Road protected from flooding
Useful Life:	30 years	**Goals Met:**	2
Estimated Cost:	$50,000	**Mitigation Action Type:**	Structure and Infrastructure
Plan for Implementation			
Prioritization:	High	**Desired Timeframe for Implementation:**	2 years
Estimated Time Required for Project Implementation:	1 year	**Potential Funding Sources:**	HMGP, BRIC, Municipal Budget
Responsible Organization:	Engineer, Highway Department	**Local Planning Mechanisms to be Used in Implementation if any:**	Hazard Mitigation, Stormwater management
Three Alternatives Considered (including No Action)			
Alternatives:	**Action**	**Estimated Cost**	**Evaluation**
	No Action	$0	Problem continues.
	Remove road	$20,000	Roadway cannot be removed
	Relocate road to another location	$50,000	Roadway will still need to cross stream, costly
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			

Action Worksheet		
Project Name:	Culvert for Linn Road	
Project Number:	2020-Town of Portville-015	
Criteria	**Numeric Rank (-1, 0, 1)**	**Provide brief rationale for numeric rank when appropriate**
Life Safety	0	
Property Protection	1	Project will protect roadway from flooding, culvert damages
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	The town has the legal authority to complete the project.
Fiscal	0	Project requires funding support.
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	1	Severe Storm, Flood
Timeline	1	1 year
Agency Champion	1	Engineer, Highway
Other Community Objectives	1	
Total	12	
Priority (High/Med/Low)	High	