



9.38 TOWN OF RANDOLPH

This section presents the jurisdictional annex for the Town of Randolph. 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 Randolph’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.

9.38.1 Hazard Mitigation Planning Team

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

Table 9.38-1. Hazard Mitigation Planning Team

Primary Point of Contact	Alternate Point of Contact
Name/Title: Cody Uhl, Highway Superintendent Address: 72 Main Street, Randolph, NY 14772 Phone Number: (716) 485-6037 Email: highway@randolphny.net	Name/Title: Dale Senn, Town Supervisor Address: 72 Main Street, Randolph, NY 14772 Phone Number: (716) 397-3316 Email: dwsenn@windstream.net
NFIP Floodplain Administrator	
Name/Title: Dave Heckman, Code Enforcement Address: 72 Main Street, Randolph, NY 14772 Phone Number: (716) 949-7836 Email: code@randolphny.net	

9.38.2 Municipal Profile

The Town of Randolph lies in the southern part of Cattaraugus County in western New York State and has a total area of 36.29 square miles. Battle Creek and Little Conewango Creek both flow through the town. The town is bordered to the north by the Town of Conewango, to the east is the Town of Cold Spring, to the south is the Town of South Valley, and to the west is the Town of Poland in Chautauqua County. The Town of Randolph contains five hamlets including Bowen, Carr Corners, East Randolph, Randolph, and Vollentine.

Data from the 2018 U.S. Census American Community Survey indicate that town has a total population of 1,189.

History and Cultural Resources

The Town of Randolph was formed in 1826 from part of the Town of Conewango. In 1867, the town was incorporated. Sawmilling was the primary industry in the town following its formation, leading to the creation of an Inn, a gristmill and several carding and cloth factories.

9.38.3 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 9.38-2 summarizes recent and expected future development trends, including major residential/commercial development and major infrastructure development.



Figure 9.38-1 at the end of this annex illustrates the geographically-delineated hazard areas and the location of potential new development, where available.

Table 9.38-2. 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	5	0	5	0	9	0	10	0	2	0
Multi-Family	0	0	0	0	0	0	0	0	0	0
Other (commercial, mixed-use, etc.)	54	0	62	0	61	0	76	0	59	0
Total	59	0	67	0	70	0	86	0	61	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										
N/A										
Known or Anticipated Major Development and Infrastructure in the Next Five (5) Years										
N/A										

SFHA Special Flood Hazard Area (1% flood event)

* Only location-specific hazard zones or vulnerabilities identified.

9.38.4 Capability Assessment

The Town of Randolph 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 9.38.4). The Town of Randolph 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 Randolph and where hazard mitigation has been integrated.

Table 9.38-3. 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	2005-2	Local	CEO	Yes	No	2020-Randolph-018
Comment: None							
Zoning Code	Yes	2010-1, 2017-2	Local	Code Enforcement	No	Yes	-
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	2017-2	Local	CEO	Yes - BFE+2 feet for all construction in the SFHA (residential and non-residential)	No	2020-Randolph-002
Comment: None							
Municipal Separate Storm Sewer System (MS4)	No	-	-	-	Yes	-	-
Comment: None							



	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?	
Emergency Management	Yes	EOP-2006	Local	Town	No	No	2020-Randolph-017
Comment: None							
Climate Change	No	-	-	-	Yes	-	-
Comment: None							
Disaster Recovery Ordinance	No	-	-	-	No	-	-
Comment: None							
Disaster Reconstruction Ordinance	No	-	-	-	No	-	-
Comment: None							
Other	No	-	-	-	-	-	-
Comment: None							
Planning Documents							
Comprehensive Plan	Yes	County CEMP	County	OES	No	Yes	-
Comment: Comprehensive Long Range Plan 10-12-2016 also refers to the Comprehensive Plan							
Capital Improvement Plan	No	-	-	-	No	-	-
Comment: None							
Disaster Debris Management Plan	Yes	County	County	OES	No	Yes	-
Comment: None							
Floodplain or Watershed Plan	Yes	Local, County	County	Soil/Water	No	Yes	-
Comment: Conewango Creek Watershed also refers to the Floodplain or Watershed Plan- Dam1, Dam 19							
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	-	-
Comment: None							
Community Wildfire Protection Plan	No	-	-	-	No	-	-
Comment: None							



	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?	
Forest Management Plan	No	-	-	-	No	-	-
Comment: None							
Transportation Plan	No	-	-	-	No	-	-
Comment: None							
Agriculture Plan	Yes	Cattaraugus County Agricultural and Farmland Protection Plan, 2007	County	County	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	County CEMP	County	County OES	Yes	No	2020-Randolph-017
Comprehensive Long-Range Plan 10-12-2016 also refers to the Comprehensive Emergency Management Plan.							
Strategic Recovery Planning Report	No	-	-	-	-	-	-
Comment: None							
Threat & Hazard Identification & Risk Assessment (THIRA)	Yes	County 2012	County	-	Yes	Yes	-
Comment: None							
Post-Disaster Recovery Plan	No	-	-	-	No	-	-
Comment: None							
Continuity of Operations Plan	No	-	-	-	No	-	-
Comment: None							
Public Health Plan	Yes	PHED	County	Health	No	Yes	-
Comment: None							
Other	No	-	-	-	No	-	-
Comment: None							

Table 9.38-4. Development and Permitting Capability

Indicate if your jurisdiction implements the following	Response Yes/No; Provide further detail
Development Permits. If yes, what department?	Yes



Indicate if your jurisdiction implements the following	Response Yes/No; Provide further detail
Permits are tracked by hazard area. For example, floodplain development permits.	Yes
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 Randolph.

Table 9.38-5. Administrative and Technical Capabilities

Resources	Available? (Yes or No)	Department/ Agency/Position
Administrative Capability		
Planning Board	Yes	Town
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	County
Maintenance programs to reduce risk	Yes	Town
Mutual aid agreements	Yes	Town, State, County
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	Yes	CEO
Personnel skilled or trained in GIS and/or Hazards United States (HAZUS) – Multi-Hazards (MH) applications	No	-
Scientist familiar with natural hazards	No	-
NFIP Floodplain Administrator (FPA)	Yes	CEO
Surveyor(s)	No	-
Emergency Manager	Yes	County EM
Grant writer(s)	Yes	State Clerk
Resilience Officer	No	-
Other	No	-

Fiscal Capability

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

Table 9.38-6. Fiscal Capabilities

Financial Resources	Accessible or Eligible to Use (Yes/No)
Community development Block Grants (CDBG, CDBG-DR)	Yes
Capital improvements project funding	No
Authority to levy taxes for specific purposes	Yes
User fees for water, sewer, gas or electric service	Yes
Impact fees for homebuyers or developers of new development/homes	No



Financial Resources	Accessible or Eligible to Use (Yes/No)
Stormwater utility fee	No
Incur debt through general obligation bonds	No
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
Open Space Acquisition funding programs	No
Other	No

Education and Outreach Capability

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

Table 9.38-7. Education and Outreach Capabilities

Indicate if your jurisdiction has the following resources	Yes/No; Please describe
Public information officer or communications officer?	No
Personnel skilled or trained in website development?	Yes
Hazard mitigation information available on your website; if yes, describe	Yes
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.	Yes, County Systems
Natural disaster/safety programs in place for schools; if yes, briefly describe.	Yes
Other	No

Community Classifications

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

Table 9.38-8. 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 9.38-9. Adaptive Capacity of Climate Change

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)

The Floodplain Administrator is the Code Enforcement Officer.

National Flood Insurance Program (NFIP) Summary

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

Table 9.38-10. NFIP Summary

Municipality	# Policies	# Claims (Losses)	Total Loss Payments	# RL Properties
Town of Randolph	0	1	\$261	0

Source: FEMA 2020
 Notes: Policies, claims, repetitive loss, and severe repetitive loss statistics provided by FEMA Region 2, and current as of July 30, 2020. The total number of repetitive loss properties does not include severe repetitive loss properties
 RL Repetitive Loss; SRL Severe Repetitive Loss

Resources

The Town of Randolph’s Code Enforcement Officer is responsible for floodplain management, and the town does not have certified floodplain staff. The town does not have access to resources to determine possible future flooding conditions from climate change. Floodplain management staff within the town do need assistance or





training to support its floodplain management program. The town does not require NFIP administration services and did not identify any barriers within the community to running an effective NFIP program. The town qualifies proposed development on an existing structure as a substantial improvement if there is more than 50% damage to the structure.

Compliance History

The Town of Randolph does not have any outstanding NFIP compliance violations that need to be addressed. The most recent Community Assistance Contact (CAC) took place on October 20, 2004.

Regulatory

The municipal code of the Town of Randolph's flood damage prevention ordinance is Local Law No. 2 of the year 2017. The ordinance was last updated on March 23, 2017. The town's floodplain management program does not include the required freeboard in the plan. There are other local ordinances, plans, or programs that support floodplain management and meeting the NFIP requirements including the Zoning Ordinance of Local Law No.1 of the year 2010 and Zoning Ordinance of Local Law No.1 of the year 2017.

Additional Areas of Existing Integration

Town Website: The Town of Randolph's website (<http://www.randolphny.com/>) 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 of Randolph has identified State Route 394, Main Street, Interstate 86 and State Highway 241 as evacuation routes.

Sheltering

The Town of Randolph has identified the Fire Hall located at 70 Main Street and the Town Hall located at 72 Main Street as designated emergency shelters in the town. Both location's capacities are 100 persons, accommodate pets, are ADA compliant, have backup power and provide basic medical services.

Temporary Housing

The Town of Randolph has identified the following temporary housing solutions:

- Pope Haven Campground, 11948 Pope Road, Randolph, NY
- TOPS Friendly Markets parking lot, 51 Main Street, Randolph, NY
- R & M Restaurant parking lot, 265 Main Street, Randolph, NY

Permanent Housing

The Town of Randolph has not identified permanent housing solutions but will work with the county at that time in the event permanent housing is required. The county identified developable land analysis in the County Profile (Section 4). Action Item 2020-Randolph-004 has been created to identify those locations.



9.38.5 Hazard Event History Specific to the Town of Randolph

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 Randolph’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 9.38-11 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 9.38-11. 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 Randolph 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 Randolph 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 Randolph 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 Randolph 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 Randolph did not report any damages.

Notes:

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

9.38.6 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 Randolph’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 Randolph. The Town of Randolph 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 Randolph indicated the following:

- The Town of Randolph decided to change severe winter storm from low to medium due to the previous winter storm events.

Table 9.38-12. Hazard Ranking Input

Flood	Landslide	Severe Storm	Severe Winter Storm	Utility Failure	Wildfire
Low	Low	Low	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

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 even, 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 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 9.38-13. Potential Flood Losses to Critical Facilities

Name	Type	Exposure	Addressed by Proposed Action
NYS Electric & Gas Corp	Electric/Power	X	2020-Randolph-005
Randolph Regional EMS Corp	Electric/Power	X	2020-Randolph-006
East Randolph Fire Station	Fire Station	X	2020-Randolph-007
Randolph Fire District Fire Station	Randolph Fire District	X	2020-Randolph-008
Randolph Highway Barn	Randolph Highway Barn	X	2020-Randolph-009
Baptist Church	Religious	X	2020-Randolph-010
CONEWANGO CREEK SITE 19 DAM	Dam	X	2020-Randolph-019
Randolph-East Randolph Wastewater Sewage Treatment and Water Pollution Control	Wastewater	X	2020-Randolph-011

Source: Cattaraugus County 2020

Identified Issues

The municipality has identified the following vulnerabilities within their community:

- Floodplain administrator and supporting staff require training. Those responsible for floodplain management are lacking in their knowledge of required duties. Training is sorely needed for all municipal officials and for code enforcement officials in charge of municipalities. Very little zoning precludes homeowners from building in floodplains, leading to problems later.
- The Flood Damage Prevention Ordinance does not include the two-foot freeboard requirement mandated by NYS.
- Public needs to be educated on what they can do to protect their structures from wildfires.
- The Town of Randolph does not have permanent housing solutions in the event of an emergency.
- A NYS Electric & Gas Corp facility is in the special flood hazard area and vulnerable to flooding.
- The Randolph Regional EMS Corp facility is in the special flood hazard area and vulnerable to flooding.
- The East Randolph Fire Station is in the special flood hazard area and vulnerable to flooding .
- The Randolph Fire District Fire Station is in the special flood hazard area and vulnerable to flooding.
- The Randolph Highway Barn is in the special flood hazard area and vulnerable to flooding.
- The Baptist Church is in the special flood hazard area and vulnerable to flooding.
- The Randolph-East Randolph Wastewater Sewage Treatment and Water Pollution Control facility is in the special flood hazard area and vulnerable to flooding.



- The highway building, municipal building, and water pump station lack back up power.
- There is frequent flooding along Fox Road and Vollentine Road.
- There has been flooding along Weeden Road and Ireland Road.
- Properties along Ireland Road are prone to flooding.
- Weeden Park is prone to flooding.
- The emergency operation plan is outdated.
- Building codes are outdated.

9.38.7 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 9.38-14. 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.
						Cost	Level of Protection	
B4.1	Project committee will investigate a plan for county, town, village, and city employees to perform routine inspections and maintenance – including the removal of debris from road ditches, culverts, streams and other drainage features	Flood	Cattaraugus County	Flooding from ditches, streams, and culverts due to a build up of debris	Ongoing	Cost		Do not include
						Level of Protection		
						Damages Avoided; Evidence of Success		
B4.3	Clean debris from Little Conewango and Battle Creeks in the Town of Randolph	Flood	Town	Build up of debris in Little Conewango and Battle Creeks causing flooding	Complete	Cost		Do not include
						Level of Protection		
						Damages Avoided; Evidence of Success		



Completed Mitigation Initiatives Not Identified in the Previous Mitigation Strategy

The Town of Randolph 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:

- The Town Highway Department replaced numerous amounts of pipes by upgrading them to a bigger size to take more volume.
- The Town Highway Department installed a new drainage system on Maple Drive including catch basins and pipe.
- The Town Highway Department installed 6-foot pipe on Vollentine Rd. as it was collapsing and had become a safety hazard.

Proposed Hazard Mitigation Initiatives for the Plan Update

The Town of Randolph 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 9.38-15 summarizes the comprehensive range of specific mitigation initiatives the Town of Randolph 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 9.38-16 provides a summary of the prioritization of all proposed mitigation initiatives for the Plan update.



Table 9.38-15. 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-Randolph-001	Implement/Encourage training for Code Enforcement Officers.	3	Flood	<p>Problem: Floodplain managers require training. Those responsible for floodplain management are lacking in their knowledge of required duties. Training is sorely needed for all municipal officials and for code enforcement officials in charge of municipalities. Very little zoning precludes homeowners from building in floodplains, leading to problems later.</p> <p>Solution: Obtain/host specialist training and certification for floodplain managers.</p>	No	None	Within 5 years	County DPW	\$3,000	Certified floodplain managers trained. Floodplain management improved.	County/Town budget	High	EAP	PI
2020-Randolph-002	Update the Flood Damage Prevention Ordinance to include freeboard	2	Flood	<p>Problem: The Flood Damage Prevention Ordinance does not include the 2' freeboard requirement mandated by NYS.</p> <p>Solution: The Flood Damage Prevention Ordinance will be updated to include the 2' freeboard requirement mandated by NYS.</p>	No	None	Within 6 months	Town Board	<\$100	Construction meets state standards	Town Budget	High	LPR	PR



Table 9.38-15. 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-Randolph-003	Continuous Public Education – This will be done via pamphlets and website resources and include such information as: the dissemination of American Red Cross evacuation centers, supplies to have on hand, listing of emergency telephone numbers.	2	Wildfire	<p>Problem: Public needs to be educated on what they can do to protect their structures from wildfires</p> <p>Solution: Continuous Public Education</p>	No	None	Within 5 years	Town	\$2,000	Public Educated	Town Budget	High	EAP	PI
2020-Randolph-004	Work with Cattaraugus County to identify permanent housing solutions.	2	All Hazards	<p>Problem: The Town of Randolph does not have permanent housing solutions should a disaster require.</p> <p>Solution: Work with the county to identify permanent housing locations.</p>	No	None	Within 5 years	Cattaraugus County, Town of Randolph	<\$100	County and Town	Staff Time	High	LPR	ES
2020-Randolph-005	Protect NYS Electric & Gas Corp to the 0.2% annual chance flood event	2	Flood	<p>Problem: NYS Electric & Gas Corp is in the special flood hazard area and vulnerable to flooding</p> <p>Solution: The FPA will contact the facility manager and discuss options for protecting the facility to the 0.2% annual chance flood event</p>	Yes 💧	None	Within 6 months	Floodplain Administrator	<\$100	Facility can continue operations	Operating budget	Med	EAP	PI



Table 9.38-15. 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-Randolph-006	Protect Randolph Regional EMS Corp to the 0.2% annual chance flood event	1	Flood	<p>Problem: The Randolph Regional EMS Corp is in the special flood hazard area and vulnerable to flooding. Critical facilities must be protected to the 0.2% annual chance flood level.</p> <p>Solution: The town will conduct a feasibility assessment to determine what additional floodproofing measures are needed at the Randolph Regional EMS Corp to protect it to the 0.2% annual chance level. Options include:</p> <ul style="list-style-type: none"> •Elevation of facility •Floodproofing of facility •Mobile flood barriers <p>Once the most cost-effective option is identified, the town will carry out the option.</p>	Yes 💧	None	Within 5 years	Engineer, facility operator	TBD by feasibility assessment	Facility can continue operations and emergency coordination is established	FEMA HMGP and BRIC, USDA Community Facilities Grant Program, EMPG, town budget	High	SIP	PP
2020-Randolph-007	Protect East Randolph Fire Station to the 0.2% annual chance flood event	1	Flood	<p>Problem: The East Randolph Fire Station is in the special flood hazard area and vulnerable to flooding. Critical facilities must be protected to the 0.2% annual chance flood level.</p> <p>Solution: The town will conduct a feasibility assessment to determine what additional floodproofing measures are needed at the East</p>	Yes 💧	None	Within 5 years	Engineer, facility operator	TBD by feasibility assessment	Facility can continue operations and emergency coordination is established	FEMA HMGP and BRIC, USDA Community Facilities Grant Program, EMPG, town budget	High	SIP	PP





Table 9.38-15. 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
				Randolph Fire Station to protect it to the 0.2% annual chance level. Options include: •Elevation of facility •Floodproofing of facility •Mobile flood barriers Once the most cost-effective option is identified, the town will carry out the option.										
2020-Randolph-008	Protect Randolph Fire District Fire Station to the 0.2% annual chance flood event	1	Flood	Problem: The Randolph Fire District Fire Station is in the special flood hazard area and vulnerable to flooding. Critical facilities must be protected to the 0.2% annual chance flood level. Solution: The town will conduct a feasibility assessment to determine what additional floodproofing measures are needed at the Randolph Fire District Fire Station to protect it to the 0.2% annual chance level. Options include: •Elevation of facility •Floodproofing of facility •Mobile flood barriers Once the most cost-effective option is identified, the town will carry out the option.	Yes 💧	None	Within 5 years	Engineer, facility operator	TBD by feasibility assessment	Facility can continue operations and emergency coordination is established	FEMA HMGP and BRIC, USDA Community Facilities Grant Program, EMPG, town budget	High	SIP	PP
2020-Randolph-009	Protect Randolph Highway Barn to the 0.2% annual	1	Flood	Problem: The Randolph Highway Barn is in the special flood hazard area	Yes 💧	None	Within 5 years	Engineer, facility operator	TBD by feasibility assessment	Facility can continue operations	FEMA HMGP and BRIC,	High	SIP	PP





Table 9.38-15. 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
	chance flood event			and vulnerable to flooding. Critical facilities must be protected to the 0.2% annual chance flood level. Solution: The town will conduct a feasibility assessment to determine what additional floodproofing measures are needed at the Randolph Highway Barn to protect it to the 0.2% annual chance level. Options include: •Elevation of facility •Floodproofing of facility •Mobile flood barriers Once the most cost-effective option is identified, the town will carry out the option.							USDA Community Facilities Grant Program, EMPG, town budget			
2020-Randolph-010	Work with facility manager to protect Baptist Church to the 0.2% annual chance flood event	2	Flood	Problem: Baptist Church is in the special flood hazard area and vulnerable to flooding Solution: The FPA will contact the facility manager and discuss options for protecting the facility to the 0.2% annual chance flood event	Yes ●	None	Within 6 months	Floodplain Administrator	<\$100	Facility can continue operations and can operate as a shelter	Operating budget	Med	EAP	PI
2020-Randolph-011	Protect Randolph-East Randolph Wastewater Sewage Treatment and Water Pollution	1	Flood	Problem: The Randolph-East Randolph Wastewater Sewage Treatment and Water Pollution Control is in the special flood hazard area and vulnerable to	Yes ●	None	Within 5 years	Engineer, facility operator	TBD by feasibility assessment	Facility can continue operations	FEMA HMGP and BRIC, USDA Community Facilities Grant	High	SIP	PP





Table 9.38-15. 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
	Control to the 0.2% annual chance flood event			<p>flooding. Critical facilities must be protected to the 0.2% annual chance flood level.</p> <p>Solution: The town will conduct a feasibility assessment to determine what additional floodproofing measures are needed at the Randolph-East Randolph Wastewater Sewage Treatment and Water Pollution Control to protect it to the 0.2% annual chance level. Options include:</p> <ul style="list-style-type: none"> •Elevation of facility •Floodproofing of facility •Mobile flood barriers <p>Once the most cost-effective option is identified, the town will carry out the option.</p>							Program, EMPG, town budget			
2020-Randolph-012	Backup power for Highway Building, Municipal Building, and Water pump station	2	All Hazards	<p>Problem: The Highway building, Municipal building, and water pump station lacks back up power</p> <p>Solution: Purchase and install generators for highway building, municipal building, and water pump station</p>	No	None	6 months	Town	\$15,000-20,000 per generator	Backup power provided to highway building, municipal building, and water pump	HMGP, BRIC, operating budget	High	SIP	PP
2020-Randolph-013	Install culverts for Fox Rd and Vollentine Rd	2	Flood, Severe Storm	<p>Problem: Frequent flooding of Fox Road and Vollentine Road</p> <p>Solution: Install new 6' culvert 80' long on Fox</p>	No	None	Within 5 years	Town, Highway Department	\$15,000 per culvert	Roads protected from flooding	HMGP, BRIC, operating budget	High	SIP	SP



Table 9.38-15. 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-Randolph-014	Road elevation of Weeden Rd and Ireland Rd	2	Flood, Severe Storm	Problem: Flooding along Weeden Rd and Ireland Rd Solution: Elevate Weeden Road and Ireland Road to mitigate flooding	No	None	Within 5 years	Town, Highway Department	\$50,000	Weeden Rd and Ireland Rd protected from flooding	HMGP, BRIC, operating budget	High	SIP	SP
2020-Randolph-015	Potential elevation or buyout project for properties on Ireland Rd	2	Flood, Severe Storm	Problem: Properties along Ireland Road are prone to flooding Solution: Research best action for properties on Ireland Road (Buyouts or elevation)	No	None	Within 5 years	Town	\$75,000	Properties on Ireland Road protected from flooding	HMGP, BRIC, FMA, operating budget	Med	SIP	PP
2020-Randolph-016	Drainage at Weeden Park	2	Flood, Severe Storm	Problem: flooding at Weeden Park Solution: install 800' drainage on Weeden Park	No	None	Within 5 years	Town	\$2,000	Weeden Park protected from flooding	HMGP, BRIC, operating budget	High	SIP	SP
2020-Randolph-017	Update the Emergency Operations Plan	2	All Hazards	Problem: outdated emergency operation plan Solution: Update the town's emergency operation plan	No	None	Within 1 year	County, Town	<\$100	EOPs updated	Municipal budget	High	LPR	ES
2020-Randolph-018	Update Building Codes	2	All Hazards	Problem: outdated building codes Solution: 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	PP
2020-Randolph-019	Work with the county to protect Conewango Creek Site 19 Dam to the 0.2%	2	Flood	Problem: The Conewango Creek Site 19 Dam is in the special flood hazard area and vulnerable to flooding.	Yes 💧	None	Within 6 months	Floodplain Administrator, dam operator	<\$100	Reduced risk of dam failure	HMGP, BRIC, HHPD, municipal budget	Med	EAP	PI



Table 9.38-15. 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
	annual chance flood event			Solution: The FPA will contact the dam operator to discuss flood exposure and possible mitigation actions to protect the dam to the 0.2% annual chance flood event.										

Notes:

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

Acronyms and Abbreviations:

- CAV Community Assistance Visit
- CRS Community Rating System
- DPW Department of Public Works
- EHP Environmental Planning and Historic Preservation
- FEMA Federal Emergency Management Agency
- FPA Floodplain Administrator
- HMA Hazard Mitigation Assistance
- Med. Medium
- N/A Not applicable
- NFIP National Flood Insurance Program
- OEM Office of Emergency Management

Potential FEMA HMA Funding Sources:

- FMA Flood Mitigation Assistance Grant Program
- HMGP Hazard Mitigation Grant Program
- BRIC Building Resilient Infrastructure and Communities

Timeline:

The time required for completion of the project upon implementation

Cost:

The estimated cost for implementation.

Benefits:

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

Critical Facility:

Yes Critical Facility located in 1% floodplain

Mitigation Category:

- Local Plans and Regulations (LPR) – These actions include government authorities, policies or codes that influence the way land and buildings are being developed and built.
- Structure and Infrastructure Project (SIP) - These actions involve modifying existing structures and infrastructure to protect them from a hazard or remove them from a hazard area. This could apply to public or private structures as well as critical facilities and infrastructure. This type of action also involves projects to construct manmade structures to reduce the impact of hazards.
- Natural Systems Protection (NSP) – These are actions that minimize damage and losses, and also preserve or restore the functions of natural systems.





- *Education and Awareness Programs (EAP) – These are actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. These actions may also include participation in national programs, such as StormReady and Firewise Communities*

CRS Category:

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



Table 9.38-16. 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	Total	High / Medium / Low
2020-Randolph-001	Implement/Encourage training for Code Enforcement Officers.	0	1	1	1	1	1	1	0	1	1	1	1	0	0	10	High
2020-Randolph-002	Update the Flood Damage Prevention Ordinance to include freeboard	0	1	1	1	1	1	1	1	1	1	0	1	1	1	12	High
2020-Randolph-003	Continuous Public Education – This will be done via pamphlets and website resources and include such information as: the dissemination of American Red Cross evacuation centers, supplies to have on hand, listing of emergency telephone numbers.	1	1	1	1	1	1	1	1	1	1	0	1	1	1	13	High
2020-Randolph-004	Work with Cattaraugus County to identify permanent housing solutions.	1	1	1	1	1	1	0	0	1	1	0	0	0	1	9	Medium
2020-Randolph-005	Protect NYS Electric & Gas Corp to the 0.2% annual chance flood event	1	1	1	1	1	1	0	1	1	1	0	0	1	1	11	High
2020-Randolph-006	Protect Randolph Regional EMS Corp to the 0.2% annual chance flood event	1	1	1	1	1	1	0	1	1	1	0	0	1	1	11	High
2020-Randolph-007	Protect East Randolph Fire Station to the 0.2% annual chance flood event	1	1	1	1	1	1	0	1	1	1	0	0	1	1	11	High
2020-Randolph-008	Protect Randolph Fire District Fire Station to the 0.2% annual chance flood event	1	1	1	1	1	1	0	1	1	1	0	0	1	1	11	High



Table 9.38-16. 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	Total	High / Medium / Low
2020-Randolph-009	Protect Randolph Highway Barn to the 0.2% annual chance flood event	1	1	1	1	1	1	0	1	1	1	0	0	1	1	11	High
2020-Randolph-010	Protect Baptist Church to the 0.2% annual chance flood event	0	1	0	1	1	1	0	1	1	0	0	0	1	1	8	Med.
2020-Randolph-011	Protect Randolph-East Randolph Wastewater Sewage Treatment and Water Pollution Control to the 0.2% annual chance flood event	1	1	1	1	1	1	0	1	1	1	0	0	1	1	11	High
2020-Randolph-012	Backup power for Highway Building, Municipal Building, and Water pump station fish hatchery	1	1	1	1	1	1	1	0	1	1	1	1	0	0	11	High
2020-Randolph-013	Install culverts for Fox Rd and Vollentine Rd	1	1	1	1	1	1	0	1	1	1	1	0	1	1	12	High
2020-Randolph-014	Road elevation of Weeden Rd and Ireland Rd	1	1	1	1	1	1	0	1	1	1	1	0	1	1	12	High
2020-Randolph-015	Potential elevation or buyout project for properties on Ireland Rd	1	1	0	1	1	1	0	0	1	1	0	0	0	1	8	Medium
2020-Randolph-016	Drainage at Weeden Park	1	1	1	1	1	1	0	1	1	1	1	0	1	1	12	High
2020-Randolph-017	Update the Emergency Operations Plan	0	1	1	1	1	1	1	1	1	1	0	1	1	1	12	High
2020-Randolph-018	Update Building Codes	0	1	1	1	1	1	1	1	1	1	0	1	1	1	12	High
2020-Randolph-019	Work with the county to protect Conewango Creek Site 19 Dam to the 0.2% annual chance flood event	0	1	0	1	1	0	1	1	1	0	0	0	1	1	8	Medium

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





9.38.8 Proposed Mitigation Action Types

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

Table 9.38-17. Analysis of Mitigation Actions by Hazard and Category

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

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

9.38.9 Staff and Local Stakeholder Involvement in Annex Development

The Town of Randolph 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: Highway Superintendent, Town Supervisor, and Code Enforcement Officer. The Highway Superintendent and 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).

9.38.10 Hazard Area Extent and Location

Hazard area extent and location maps have been generated for the Town of Randolph 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 Randolph has significant exposure. The maps are illustrated below.



Figure 9.38-1. Town of Randolph Hazard Area Extent and Location Map 1

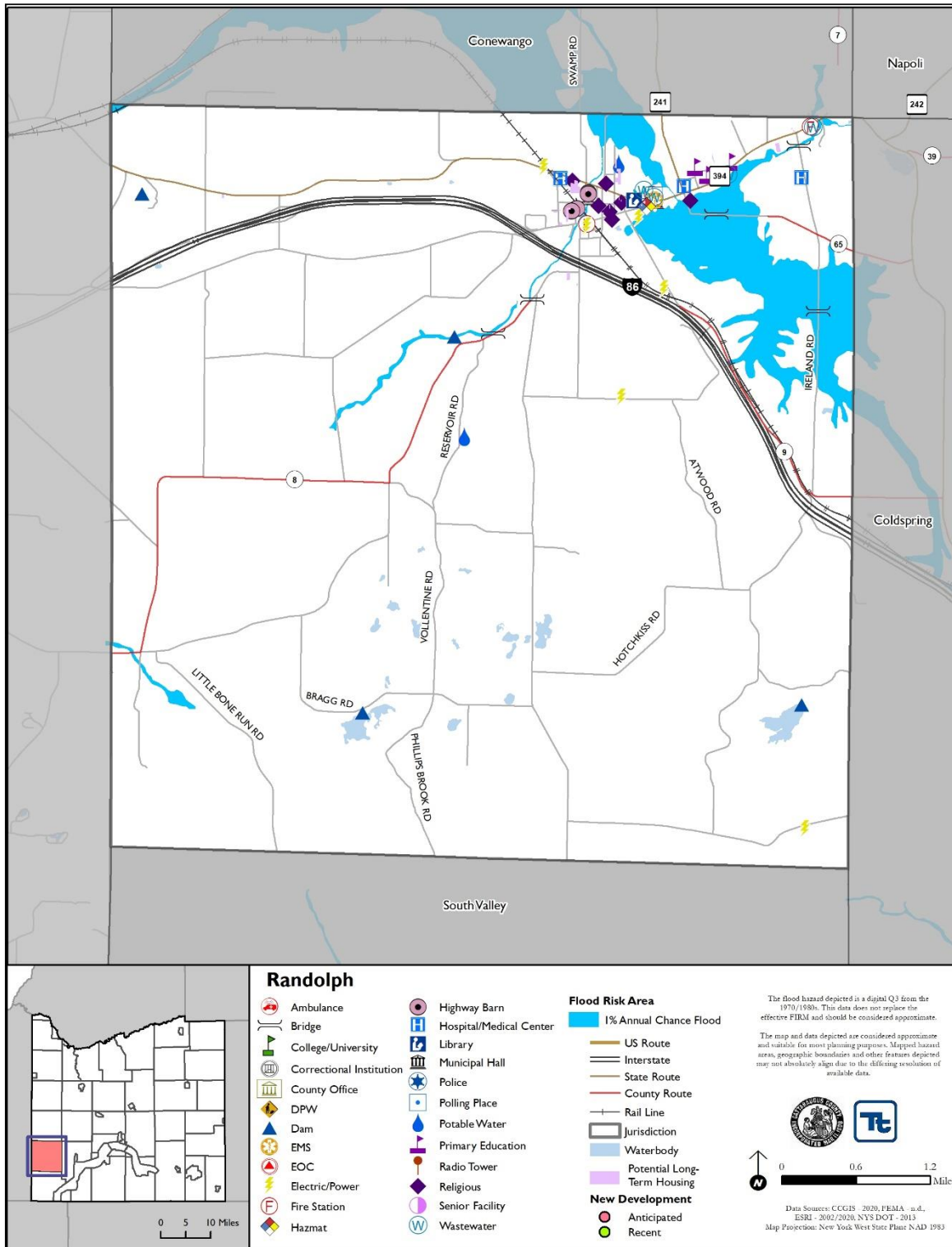
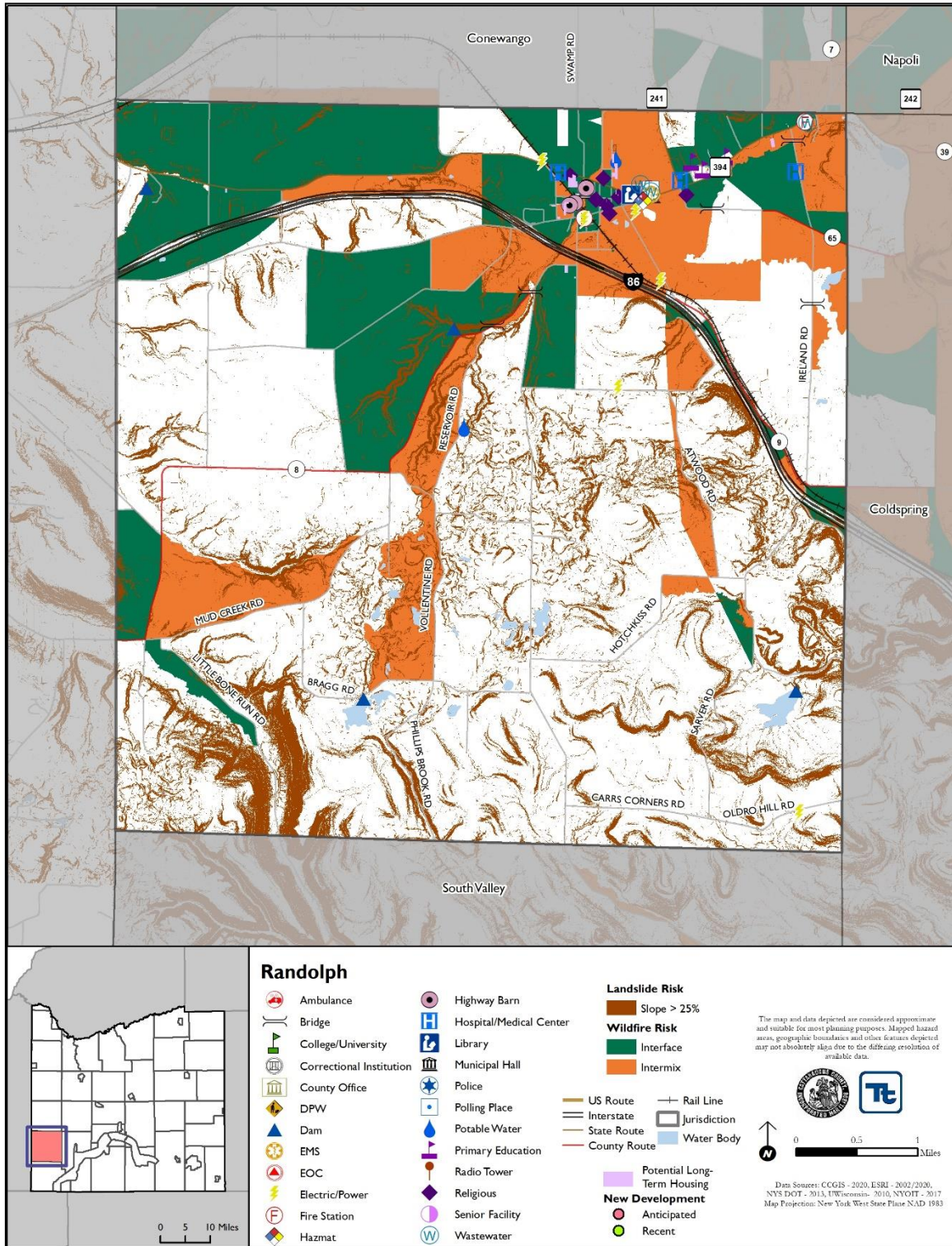




Figure 9.38-2. Town of Randolph Hazard Area Extent and Location Map 2





Town of Randolph Action Worksheet			
Project Name:	Protect NYS Electric & Gas Corp to the 0.2% annual chance flood event		
Project Number:	2020-Randolph-005		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood		
Description of the Problem:	NYS Electric & Gas Corp is in the special flood hazard area and vulnerable to flooding		
Action or Project Intended for Implementation			
Description of the Solution:	The FPA will contact the facility manager and discuss options for protecting the facility to the 0.2% annual chance flood event.		
Is this project related to a Critical Facility?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Is this project related to a Critical Facility located within the 100-year floodplain?	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)			
Level of Protection:	0.2% annual chance flood event	Estimated Benefits (losses avoided):	Facility can continue operations
Useful Life:	TBD	Goals Met:	2
Estimated Cost:	<\$100	Mitigation Action Type:	Education and Awareness
Plan for Implementation			
Prioritization:	Medium	Desired Timeframe for Implementation:	Within 6 months
Estimated Time Required for Project Implementation:	Within 6 months	Potential Funding Sources:	Operating Budget
Responsible Organization:	Floodplain Administrator	Local Planning Mechanisms to be Used in Implementation if any:	Hazard Mitigation
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Problem continues.
	Request non-profit groups to conduct outreach	\$0	Non-profits could be unable or unwilling to assist.
	Assume property owner will protect facility without assistance	\$0	Property owner might not be aware of flood exposure and possible mitigation actions.
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			



Action Worksheet		
Project Name:	Protect NYS Electric & Gas Corp to the 0.2% annual chance flood event	
Project Number:	2020-Randolph-005	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	0	
Property Protection	1	Project will protect from damages during hazard events.
Cost-Effectiveness	0	
Technical	1	
Political	1	The public is supportive of the project.
Legal	1	The County has the legal authority to conduct the project.
Fiscal	0	The project will require grant funding support.
Environmental	1	
Social	1	
Administrative	0	
Multi-Hazard	0	Flood
Timeline	0	
Agency Champion	1	Floodplain Administrator
Other Community Objectives	1	
Total	8	
Priority (High/Med/Low)	Medium	



Town of Randolph Action Worksheet			
Project Name:	Protect Randolph Regional EMS Corp to the 0.2% annual chance flood event		
Project Number:	2020-Randolph-006		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood		
Description of the Problem:	The Randolph Regional EMS Corp is in the special flood hazard area and vulnerable to flooding. Critical facilities must be protected to the 0.2% annual chance flood level.		
Action or Project Intended for Implementation			
Description of the Solution:	<p>The town will conduct a feasibility assessment to determine what additional floodproofing measures are needed at the Randolph Regional EMS Corp to protect it to the 0.2% annual chance level. Options include:</p> <ul style="list-style-type: none"> •Elevation of facility •Floodproofing of facility •Mobile flood barriers <p>Once the most cost-effective option is identified, the town will carry out the option.</p>		
Is this project related to a Critical Facility?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Is this project related to a Critical Facility located within the 100-year floodplain?	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)			
Level of Protection:	0.2% annual chance flood event	Estimated Benefits (losses avoided):	Facility can continue operations and emergency coordination is established
Useful Life:	TBD by feasibility assessment	Goals Met:	1
Estimated Cost:	TBD by feasibility assessment	Mitigation Action Type:	Structure and Infrastructure
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	Within 5 years
Estimated Time Required for Project Implementation:	Within 5 years	Potential Funding Sources:	FEMA HMGP and BRIC, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, town budget
Responsible Organization:	Engineer, facility operator	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.
	Relocate Randolph Regional EMS Corp	N/A	Not possible
	Build levee around facility	N/A	No space for full levee system
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			



Action Worksheet		
Project Name:	Protect Randolph Regional EMS Corp to the 0.2% annual chance flood event	
Project Number:	2020-Randolph-006	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Project will protect critical services of Randolph Regional EMS Corp
Property Protection	1	Project will protect facility from flood damage.
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	Flood
Timeline	0	Within 5 years
Agency Champion	1	Engineer, facility manager
Other Community Objectives	1	Protection of critical services
Total	11	
Priority (High/Med/Low)	High	



Town of Randolph Action Worksheet			
Project Name:	Protect East Randolph Fire Station to the 0.2% annual chance flood event		
Project Number:	2020-Randolph-007		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood		
Description of the Problem:	The East Randolph Fire Station is in the special flood hazard area and vulnerable to flooding. Critical facilities must be protected to the 0.2% annual chance flood level.		
Action or Project Intended for Implementation			
Description of the Solution:	<p>The town will conduct a feasibility assessment to determine what additional floodproofing measures are needed at the East Randolph Fire Station to protect it to the 0.2% annual chance level. Options include:</p> <ul style="list-style-type: none"> •Elevation of facility •Floodproofing of facility •Mobile flood barriers <p>Once the most cost-effective option is identified, the town will carry out the option.</p>		
Is this project related to a Critical Facility?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Is this project related to a Critical Facility located within the 100-year floodplain?	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)			
Level of Protection:	0.2% annual chance flood event	Estimated Benefits (losses avoided):	Facility can continue operations and emergency coordination is established
Useful Life:	TBD by feasibility assessment	Goals Met:	1
Estimated Cost:	TBD by feasibility assessment	Mitigation Action Type:	Structure and Infrastructure
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	Within 5 years
Estimated Time Required for Project Implementation:	Within 6 months	Potential Funding Sources:	FEMA HMGP and BRIC, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, town budget
Responsible Organization:	Engineer, facility operator	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.
	Relocate facility	N/A	Not possible
	Build levee around facility	N/A	No space for full levee system
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			



Action Worksheet		
Project Name:	Protect East Randolph Fire Station to the 0.2% annual chance flood event	
Project Number:	2020-Randolph-007	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Project will protect critical services of East Randolph Fire Station
Property Protection	1	Project will protect facility from flood damage.
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	Flood
Timeline	0	Within 5 years
Agency Champion	1	Engineer, facility manager
Other Community Objectives	1	Protection of critical services
Total	11	
Priority (High/Med/Low)	High	



Town of Randolph Action Worksheet			
Project Name:	Protect Randolph Fire District Fire Station to the 0.2% annual chance flood event		
Project Number:	2020-Randolph-008		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood		
Description of the Problem:	The Randolph Fire District Fire Station is in the special flood hazard area and vulnerable to flooding. Critical facilities must be protected to the 0.2% annual chance flood level.		
Action or Project Intended for Implementation			
Description of the Solution:	<p>The town will conduct a feasibility assessment to determine what additional floodproofing measures are needed at the Randolph Fire District Fire Station to protect it to the 0.2% annual chance level. Options include:</p> <ul style="list-style-type: none"> •Elevation of facility •Floodproofing of facility •Mobile flood barriers <p>Once the most cost-effective option is identified, the town will carry out the option.</p>		
Is this project related to a Critical Facility?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Is this project related to a Critical Facility located within the 100-year floodplain?	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)			
Level of Protection:	0.2% annual chance flood event	Estimated Benefits (losses avoided):	Facility can continue operations and emergency coordination is established
Useful Life:	TBD by feasibility assessment	Goals Met:	1
Estimated Cost:	TBD by feasibility assessment	Mitigation Action Type:	Situation and Infrastructure
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	Within 5 years
Estimated Time Required for Project Implementation:	Within 6 months	Potential Funding Sources:	FEMA HMGP and BRIC, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, town budget
Responsible Organization:	Engineer, facility operator	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.
	Relocate facility	N/A	Not possible
	Build levee around facility	N/A	No space for full levee system
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			



Action Worksheet		
Project Name:	Protect Randolph Fire District Fire Station to the 0.2% annual chance flood event	
Project Number:	2020-Randolph-008	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Project will protect critical services of Fire District Fire Station
Property Protection	1	Project will protect facility from flood damage.
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	Flood
Timeline	0	Within 5 years
Agency Champion	1	Engineer, facility manager
Other Community Objectives	1	Protection of critical services
Total	11	
Priority (High/Med/Low)	High	



Town of Randolph Action Worksheet			
Project Name:	Protect Randolph Highway Barns to the 0.2% annual chance flood event		
Project Number:	2020-Randolph-009		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood		
Description of the Problem:	The Randolph Highway Barn is in the special flood hazard area and vulnerable to flooding. Critical facilities must be protected to the 0.2% annual chance flood level.		
Action or Project Intended for Implementation			
Description of the Solution:	<p>The town will conduct a feasibility assessment to determine what additional floodproofing measures are needed at the Randolph Highway Barn to protect it to the 0.2% annual chance level. Options include:</p> <ul style="list-style-type: none"> •Elevation of facility •Floodproofing of facility •Mobile flood barriers <p>Once the most cost-effective option is identified, the town will carry out the option.</p>		
Is this project related to a Critical Facility?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Is this project related to a Critical Facility located within the 100-year floodplain?	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)			
Level of Protection:	0.2% annual chance flood event	Estimated Benefits (losses avoided):	Facility can continue operations and emergency coordination is established
Useful Life:	TBD by feasibility assessment	Goals Met:	1
Estimated Cost:	TBD by feasibility assessment	Mitigation Action Type:	Structure and Infrastructure
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	Within 5 years
Estimated Time Required for Project Implementation:	Within 6 months	Potential Funding Sources:	FEMA, HMGP and BRIC, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, town budget
Responsible Organization:	Engineer, facility operator	Local Planning Mechanisms to be Used in Implementation if any:	Hazard Mitigation
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Problem continues.
	Relocate facility	N/A	Not possible
	Build levee around facility	N/A	No space for full levee system
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			



Action Worksheet		
Project Name:	Protect Randolph Highway Barn to the 0.2% annual chance flood event	
Project Number:	2020-Randolph-009	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Project will protect critical services of Highway Barn
Property Protection	1	Project will protect facility from flood damage.
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	Flood
Timeline	0	Within 5 years
Agency Champion	1	Engineer, facility manager
Other Community Objectives	1	Protection of critical services
Total	11	
Priority (High/Med/Low)	High	



Town of Randolph Action Worksheet			
Project Name:	Protect Randolph Baptist Church to the 0.2% annual chance flood event		
Project Number:	2020-Randolph-010		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood		
Description of the Problem:	Randolph Baptist Church is in the special flood hazard event and vulnerable to flooding		
Action or Project Intended for Implementation			
Description of the Solution:	The FPA will contact the facility manager and discuss options for protecting the facility to the 0.2% annual chance flood event		
Is this project related to a Critical Facility?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Is this project related to a Critical Facility located within the 100-year floodplain?	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)			
Level of Protection:	0.2% annual chance flood event	Estimated Benefits (losses avoided):	Facility can continue operations and can operate as a shelter
Useful Life:	TBD	Goals Met:	2
Estimated Cost:	<\$100	Mitigation Action Type:	Education and Awareness
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	Within 6 months
Estimated Time Required for Project Implementation:	Within 6 months	Potential Funding Sources:	Operating Budget
Responsible Organization:	Floodplain Administrator	Local Planning Mechanisms to be Used in Implementation if any:	Hazard Mitigation
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Problem continues.
	Request non-profit groups to conduct outreach	\$0	Non-profits could be unable or unwilling to assist.
	Assume property owner will protect facility without assistance	\$0	Property owner might not be aware of flood exposure and possible mitigation actions.
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			



Action Worksheet		
Project Name:	Protect Randolph Baptist Church to the 0.2% annual chance flood event	
Project Number:	2020-Randolph-010	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	0	
Property Protection	1	Project will protect from damages during hazard events.
Cost-Effectiveness	0	
Technical	1	
Political	1	The public is supportive of the project.
Legal	1	The County has the legal authority to conduct the project.
Fiscal	0	The project will require grant funding support.
Environmental	1	
Social	1	
Administrative	0	
Multi-Hazard	0	Flood
Timeline	0	
Agency Champion	1	Floodplain Administrator
Other Community Objectives	1	
Total	8	
Priority (High/Med/Low)	Medium	



Town of Randolph Action Worksheet			
Project Name:	Protect Randolph-East Randolph Wastewater Sewage Treatment and Water Pollution Control to the 0.2% annual chance flood event		
Project Number:	2020-Randolph-011		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood		
Description of the Problem:	The Randolph-East Randolph Wastewater Sewage Treatment and Water Pollution Control is in the special flood hazard area and vulnerable to flooding. Critical facilities must be protected to the 0.2% annual chance flood level.		
Action or Project Intended for Implementation			
Description of the Solution:	<p>The town will conduct a feasibility assessment to determine what additional floodproofing measures are needed at the Randolph-East Randolph Wastewater Sewage Treatment and Water Pollution Control to protect it to the 0.2% annual chance level. Options include:</p> <ul style="list-style-type: none"> •Elevation of facility •Floodproofing of facility •Mobile flood barriers <p>Once the most cost-effective option is identified, the town will carry out the option.</p>		
Is this project related to a Critical Facility?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Is this project related to a Critical Facility located within the 100-year floodplain?	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)			
Level of Protection:	0.2% annual chance flood event	Estimated Benefits (losses avoided):	Facility can continue operations
Useful Life:	TBD by feasibility assessment	Goals Met:	1
Estimated Cost:	TBD by feasibility assessment	Mitigation Action Type:	Structure and Infrastructure
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	Within 5 years
Estimated Time Required for Project Implementation:	Within 6 months	Potential Funding Sources:	FEMA HMGP and BRIC, USDA Community Facilities Grant Program, Emergency Management Performance Grants (EMPG) Program, town budget
Responsible Organization:	Engineer, facility operator	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.
	Relocate facility	N/A	Not possible
	Build levee around facility	N/A	No space for full levee system
Progress Report (for plan maintenance)			
Date of Status Report:			
Report of Progress:			
Update Evaluation of the Problem and/or Solution:			



Action Worksheet		
Project Name:	Protect Randolph-East Randolph Wastewater Sewage Treatment and Water Pollution Control to the 0.2% annual chance flood event	
Project Number:	2020-Randolph-011	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Project will protect critical services of Randolph-East Randolph Wastewater Sewage Treatment and Water Pollution Control
Property Protection	1	Project will protect facility from flood damage.
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	Flood
Timeline	0	Within 5 years
Agency Champion	1	Engineer, facility manager
Other Community Objectives	1	Protection of critical services
Total	11	
Priority (High/Med/Low)	High	



Town of Randolph Action Worksheet			
Project Name:	Backup power for Highway Building, Municipal Building, and Water pump station		
Project Number:	2020-Randolph-012		
Risk / Vulnerability			
Hazard(s) of Concern:	All Hazards		
Description of the Problem:	Highway Building, Municipal Building, and Water pump station fish hatchery lacks backup power		
Action or Project Intended for Implementation			
Description of the Solution:	Purchase and install generators for Highway Building, Municipal Building, and Water pump station		
Is this project related to a Critical Facility?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Is this project related to a Critical Facility located within the 100-year floodplain?	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)			
Level of Protection:	No power loss	Estimated Benefits (losses avoided):	Highway Building, Municipal Building, and Water pump station protected from power loss
Useful Life:	30 years	Goals Met:	2
Estimated Cost:	\$15,000-\$20,000 per generator	Mitigation Action Type:	Structure and Infrastructure
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	Within 2 years
Estimated Time Required for Project Implementation:	6 months	Potential Funding Sources:	HMGP, BRIC, Municipal Budget
Responsible Organization:	Town	Local Planning Mechanisms to be Used in Implementation if any:	Hazard Mitigation
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:	Backup power for Highway Building, Municipal Building, and Water pump station	
Project Number:	2020-Randolph-012	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Project will protect critical services of Highway Building, Municipal Building, and Water pump station
Property Protection	1	Project will protect Highway Building, Municipal Building, and Water pump station from power loss.
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	The town has the legal authority to complete the project.
Fiscal	1	
Environmental	0	
Social	1	
Administrative	1	
Multi-Hazard	1	All hazards
Timeline	1	1 year
Agency Champion	0	
Other Community Objectives	0	
Total	11	
Priority (High/Med/Low)	High	



Town of Randolph Action Worksheet			
Project Name:	Install culverts for Fox Rd and Vollentine Rd		
Project Number:	2020-Randolph-013		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood, Severe Storm		
Description of the Problem:	Frequent flooding of Fox Road and Vollentine Road		
Action or Project Intended for Implementation			
Description of the Solution:	Install new 6' culvert 80' long on Fox Rd and 2 culverts 6' 80' long on Vollentine Rd		
Is this project related to a Critical Facility?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Is this project related to a Critical Facility located within the 100-year floodplain?	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)			
Level of Protection:	N/A	Estimated Benefits (losses avoided):	Roads protected from flooding
Useful Life:	30 years	Goals Met:	2
Estimated Cost:	\$15,000 per culvert	Mitigation Action Type:	Structure and Infrastructure
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	Within 5 years
Estimated Time Required for Project Implementation:	Within 5 years	Potential Funding Sources:	HMGP, BRIC, operating budget
Responsible Organization:	Town Highway Department	Local Planning Mechanisms to be Used in Implementation if any:	Hazard Mitigation
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Problem continues.
	Remove Roadway and culvert	N/A	Not feasible. Roadway and culvert must remain in place
	Build bridge	\$50,000	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:	Install culverts for Fox Rd and Vollentine Rd	
Project Number:	2020-Randolph-013	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	Project will protect from damages during hazard events.
Cost-Effectiveness	1	
Technical	1	
Political	1	The public is supportive of the project.
Legal	1	The county has the legal authority to conduct the project.
Fiscal	0	The project will require grant funding support.
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	1	Severe Storm, Flood
Timeline	0	
Agency Champion	1	
Other Community Objectives	1	
Total	12	
Priority (High/Med/Low)	High	



Town of Randolph Action Worksheet			
Project Name:	Drainage at Weeden Park		
Project Number:	2020-Randolph-016		
Risk / Vulnerability			
Hazard(s) of Concern:	Flood, Severe Storm		
Description of the Problem:	Flooding at Weden Park		
Action or Project Intended for Implementation			
Description of the Solution:	Install 800' drainage on Weeden Park		
Is this project related to a Critical Facility?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Is this project related to a Critical Facility located within the 100-year floodplain?	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)			
Level of Protection:	N/A	Estimated Benefits (losses avoided):	Weeden Park protected from flooding
Useful Life:	50 years	Goals Met:	2
Estimated Cost:	\$2,000	Mitigation Action Type:	Structure and Infrastructure
Plan for Implementation			
Prioritization:	High	Desired Timeframe for Implementation:	Within 5 years
Estimated Time Required for Project Implementation:	Within 5 years	Potential Funding Sources:	HMGP, BRIC, operating budget
Responsible Organization:	Town	Local Planning Mechanisms to be Used in Implementation if any:	Hazard Mitigation
Three Alternatives Considered (including No Action)			
Alternatives:	Action	Estimated Cost	Evaluation
	No Action	\$0	Problem continues.
	Remove Roadway	N/A	Not feasible. Roadway must remain in place
	Build bridge	\$50,000	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:	Drainage at Weeden Park	
Project Number:	2020-Randolph-016	
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	Project will protect from damages during hazard events.
Cost-Effectiveness	1	
Technical	1	
Political	1	The public is supportive of the project.
Legal	1	The county has the legal authority to conduct the project.
Fiscal	0	The project will require grant funding support.
Environmental	1	
Social	1	
Administrative	1	
Multi-Hazard	1	Severe Storm, Flood
Timeline	0	
Agency Champion	1	
Other Community Objectives	1	
Total	12	
Priority (High/Med/Low)	High	