3.0 MITIGATION STRATEGIES

As Seneca County's mitigation planning team developed mitigation goals and strategies, their intention was to address the identified risks and vulnerabilities for the county and each jurisdiction. This process resulted in strategies that are individualized to jurisdictions. While there are between jurisdictions, each community included actions designed to address local risks and vulnerabilities.

3.1 STATUS OF PAST MITIGATION EFFORTS

The 2014 Seneca County Multi-Jurisdictional Natural Hazard Mitigation Plan identified mitigation goals, objectives, and strategies by jurisdiction. As part of the planning process, the mitigation planning team reviewed the 2014 strategies for each jurisdiction. The list below updates the status of each strategy and if the strategy was completed, was deleted, or will continue in the strategies identified in this section.

Table 3-1: Status of Past Mitigation Strategies

Strategy	Status	Explanation
SENECA COUNTY		
1.1.1 Seneca County will support disaster mitigation efforts through	Continued	
buy-out and relocation programs for properties that are repetitive		
or severe repetitive loss properties		
1.1.2 Seneca County will adopt and maintain floodplain	Continued	
management standards that support NFIP and require flood prone		
landowners to carry flood insurance		
1.1.3 Seneca County will support zoning and building codes that	Continued	
prevent construction in flood zones, and that support construction		
practices that mitigate damage due to floods for structures built in		
vulnerable areas		
1.1.4 Seneca County will work to identify funding and apply for	Continued	
funding to support removal of blighted structures from flood prone		
areas		
1.2.1 Seneca County will provide information to contractors and	Continued	
builders regarding flood risk and floodplain properties		
1.2.2 Seneca County will investigate land use planning standards	Continued	
that prevent the construction or renovation of structures in flood		
prone areas, and that designate construction standards for disaster		
resistant buildings when built or renovated in flood vulnerable		
areas		
1.2.3 Seneca County will study the concept of residential and	Completed	
commercial building codes whereby implementation may reduce		
flood loss by improving the quality of construction and decreasing		
the number of buildings constructed in flood prone areas		

Strategy	Status	Explanation
1.2.4 Seneca County will implement residential building codes to protect landowners from construction of buildings that fail to meet reasonable construction standards that include disaster-resistant building techniques and use of building materials that resist damage during disasters common to Seneca County	Deleted	Not supported by stakeholders
2.1.1 Seneca County will work with utility companies to advocate	Continued	Ongoing activity
for buried and otherwise hardened utility service delivery 2.1.2 Seneca County will advocate for full availability of all utilities to all parts of the county, and for enhancement of utility service to all areas	Completed	
2.1.3 Seneca County will work with utility companies to discover and identify funding that supports the hardening of utility services	Deleted	Not supported by a majority of officials
2.1.4 Seneca County will work to obtain fiber-optic communication lines from all telephone service providers in the county	Deleted	County has no control over this.
2.2.1 Seneca County will work to identify and make available financial assistance programs or resources for homeowners and renters to obtain generators and sump pumps to decrease property damage during severe storms and power outages	Completed	Infrequently needed; retail services have made this available
2.2.2 Seneca County will work to develop a list of sources of generators and sump pumps to be used to assist residents and businesses during a disaster, preventing escalating prices and outlandish charges for these items during a time of need	Deleted	Not needed
3.1.1 The Seneca County Engineer will work with the Ohio Department of Transportation to complete elevation and other engineered improvements on sections of state highway in Seneca County to prevent roadway flooding	Deleted	County has no control over this work
3.1.2 The Seneca County Engineer will complete elevations and other engineered improvements to county and township roadways that suffer repeated severe flooding during periods of heavy rain and runoff	Continued	Elevations not completed due to lack of funding
3.2.1 Seneca County Engineer will assess the condition of bridges and culverts in Seneca County, and will determine which ones need reinforcement and/or repair to remain functional and safe during floods and flash floods.	Continued	Ongoing need
3.2.2 The Seneca County Engineer will conduct an infrastructure improvement project to repair/reinforce these structures, using mitigation funding identified for this purpose.	Deleted	Did not utilize mitigation funding; used other sources of funding to complete
4.1.1 Seneca County will identify residential areas where large numbers of homes exist that do not have basements or existing safe rooms for residents to use as shelter during tornadoes and severe wind incidents	Continued	Ongoing need

Strategy	Status	Explanation
4.1.2 Seneca County will identify grant funding and other sources of funding to pay for the construction of safe rooms to house populations at risk due to lack of basements and/or existing safe rooms.	Continued	Ongoing program
4.1.3 Seneca County will utilize identified funding to construct safe rooms in areas where significant numbers of residents and others are at risk during tornadoes and severe windstorms due to a lack of basements and /or existing safe rooms	Deleted	Projects should be completed by individual landowners; no county role
4.1.4 Seneca County will continue to evaluate the need for and the use of safe rooms constructed under this project, and will determine the need for changes to the program based upon cost and benefit of the construction.	Deleted	Program has developed and is between OEMA and private landowners
4.2.1 Seneca County will identify the shelters in the county that are available and equipped to serve as a 24-hour shelter, including for sleeping overnight, for evacuees and others displaced due to disaster	Continued	Need has increased; still necessary
4.2.2 Seneca County will identify community gathering rooms that can be used for gathering of community members during disasters for the purpose of information exchange, socialization, and comfort for periods of less than 24 hours without sleeping purposes	Deleted	Merged into shelter strategy
4.2.3 Seneca County will develop signage and post it, either through shelter operators, other jurisdictions, or the EMA, to identify shelters and community gathering rooms so residents and visitors can easily identify the shelters or safe rooms	Deleted	Not necessary
4.2.4 Seneca County will develop a listing of safe rooms, shelters, and other areas that are pre-identified for occupancy during severe wind storms and tornadoes	Deleted	Alternate system developed through ARC
4.2.5 Seneca County will identify funding to purchase generators for as many shelters and community gathering rooms as possible, with shelters a priority, and will then purchase and install those generators at the sites	Continued	Some purchased by jurisdictions; some still needed
5.1 Seneca County will maintain its 9-1-1 system of communication.	Deleted	Operational responsibility of county
5.2 Seneca County will maintain its Emergency Operations Center.	Deleted	Ongoing responsibility of county
5.3.1 Seneca County will continue to advocate for and provide information to enhance family and individual preparedness in the county	Completed	
5.3.2 Seneca County will work to educate the public on evacuation and shelter-in-place procedures, and will provide opportunities for the public to practice what to do when an order is issued.	Continued	Ongoing need

Strategy	Status	Explanation
5.3.3 Seneca County will maintain its website (EMA) to disseminate	Completed	Ongoing county
information to the public in times of disaster and on normal days		responsibility
5.4 Seneca County will maintain its response resources such as	Completed	Ongoing
EMS, fire departments, and police departments, and will support		responsibility of
them with education and training to respond effectively and		the county
efficiently.		
5.5 Seneca County will maintain its communication system with	Completed	Ongoing
emergency responders to continue to be able to respond effectively		responsibility of
and efficiently.		the county
5.6.1 Seneca County will continue to advocate and support use of	Deleted	Alternate opt-in
NOAA weather radios in homes, businesses, and institutions		notification system
through a public education program of disaster warnings and		selected and
notification and protective action.		implemented
5.6.2 Seneca County will work to identify funding for and to	Continued	Need still exists
construct/install additional outdoor warning sirens to warn		
residents of impending dangers.		
5.6.3 Seneca County will place additional outdoor warning sirens in	Continued	Need still exists;
locations that lack adequate coverage by sirens, including but not		not done
limited to Flat Rock, Kromers, Tiffin, and Fostoria		
6.1.1 Seneca County will support ASCS, Farm Bureau, OSU	Continued	County ditch
Extension Service, and SWCD and other efforts to work with		maintenance
landowners in cleaning ditches by supporting grant applications and		program
other means of obtaining funds to support this project		
6.2.1 Seneca County will maintain storm sewers by establishing a	Continued	Continued in new
plan of maintenance and replacement.		plan with more
		detail
6.2.2 Seneca County will plan and construct retention ponds and	Continued	Need still exists
wetlands where floodwaters repeatedly collect with the purpose of		
reducing flooding at the same time an ecologically friendly		
environment is created		
6.2.3 Seneca County will investigate and plan for water diversion	Deleted	Other strategies
programs where such a program can diminish flooding and		determined to be
decrease damages to structures and property.		better
6.2.1 Seneca County will support ditch cleaning as a part of	Continued	Ongoing need
maintaining county owned property.		
7.1.1: Seneca County will release information encouraging	Continued	Ongoing need
landowners to trim trees on their property so they do not come		
down during storms	51:1	0 1 1 1 00::
7.1 2: Seneca County will sponsor educational efforts to help teach	Deleted	Completed by OSU
landowners how to care for trees and shrubs on their property so		Extension service
that damages are minimized in wind storms		and commercial
		providers

Strategy	Status	Explanation
9.2.3 Seneca County will work with American Red Cross and other	Continued	Modified to fit new
sheltering providers to assure and harden the availability of 24-hour		ARC guidelines
shelters for housing during evacuations and other more long-term		
disasters.		
9.2.4 Seneca County will work with the hospitals, public health, and	Continued	Ongoing need
other healthcare providers to ensure the availability of functional		
needs shelters and resources to be used during evacuations and		
shelter-in-place incidents.		
9.3.1 Seneca County will support transportation services to help	Completed	County agency will
with evacuation of individuals and families who do not have a		assume duty
vehicle to the nearest available shelter.		
9.3.2 Seneca County will work with schools and other providers	Completed	EOP includes
with the capacity to transport special needs and disabled		provisions
individuals to shelters, community gathering places, and hospitals		
or alternate health care centers during disaster.		
9.3.3 Seneca County will work to develop an enhanced volunteer	Completed	CERT established
workforce to assist families and individuals during times of disaster		
with activities such as evacuation, mass care, and family assistance		
ATTICA		
1.1.1 The Village of Attica will work with these facilities to find	Completed	Sump pumps
generators and sump pumps when needed so they can provide the		deleted
highest amount of comfort for residents as possible during disasters		
1.1.2 The Village of Attica will identify and train a group of	deleted	County developed
volunteers or workers to manage the community gathering place as		CERT
needed and when offered or occupied by residents	NI - +	
1.1.3 The Village of Attica will work with the Seneca County EMA to	Not	
establish the operating procedures for the community gathering	Completed	
places, and to determine how and when they will be activated 2.1.1 The Village of Attica will place information in letters and other	Deleted	
pieces of written information sent to residents about right-of-way	Deleteu	
responsibilities of landowners		
2.1.2 The Village of Attica will use the media to convey information	Deleted	
to residents and landowners about right of way responsibilities and	Deleted	
maintenance		
2.2.1 The Village of Attica will provide written information to	Deleted	
property owners about the proper way to trim trees and shrubs to	Beletea	
be disaster resistant		
2.2.2 The Village of Attica will work with landowners to facilitate	Deleted	
cleaning of ditches to remove debris and vegetation that impedes		
the flow of runoff water		
2.3.1 The Village of Attica will provide information to property	Deleted	
owners about the best species of trees and shrubs to plant to be		
disaster resistant		
3.1.1 The Village of Attica will encourage utility companies to bury	Completed	
existing overhead utility supply lines to make them resistant to	•	
chisting overhead denity supply lines to make them resistant to		

Strategy	Status	Explanation
3.1.2 The Village of Attica will consider zoning rules and	Deleted	•
requirements that mandate utility lines to be underground for new		
construction and new subdivisions.		
BETTSVILLE		
1.1.1 The Village of Bettsville will utilize mitigation program funding	Continued	No landowners
to acquire, demolish, and relocate three residences that flood		took advantage of
repeatedly via Wolfe Creek		program
1.1.2 The Village of Bettsville will acquire, demolish, and relocate	Continued	No landowners
three homes and families that occupy them and suffer repeated		took advantage of
flooding of Wolfe Creek.		program
2.1.1 The Village of Bettsville will use engineering assistance to	Continued	Ongoing effort
develop a diversion plan for Wolfe Creek in the village to avoid		
riverine flooding as the creek flows through town during and after		
heavy rainfall		
2.1.2 The Village of Bettsville will identify means to finance a creek	Continued	
diversion program to mitigate flooding in the village through Wolfe		
Creek		
2.1.3 The Village of Bettsville will engage in conducting a project to	Continued	
divert Wolfe Creek away from residences as it flows through the		
village		
3.1.1 The Village of Bettsville will encourage utility companies to	Continued	
bury existing overhead utility supply lines to make them resistant to		
disaster		
3.1.2 The Village of Bettsville will consider zoning rules and	Deleted	Insufficient
requirements that mandate utility lines to be underground for new		stakeholder
construction and new subdivisions		support
4.1.1 The Village of Bettsville will place information in letters and	Deleted	
other pieces of written information sent to residents about right-of-		
way responsibilities of landowners		
4.1.2 The Village of Bettsville will use the media to convey	Deleted	
information to residents and landowners about right of way		
responsibilities and maintenance		
4.2.1 The Village of Bettsville will provide written information to	Deleted	
property owners about the proper way to trim trees and shrubs to		
be disaster resistant		
4.2.2 The Village of Bettsville will work with landowners to facilitate	Deleted	
cleaning of ditches to remove debris and vegetation that impedes		
the flow of runoff water		
4.3.1 The Village of Bettsville will provide information to property	Deleted	
owners about the best species of trees and shrubs to plant to be		
disaster resistant		
5.1.1 The Village of Bettsville will work with these facilities to find	Continuing	Sump pumps not
generators and sump pumps when needed so they can provide the		acquired
highest amount of comfort for residents as possible during		
disasters.		

Strategy	Status	Explanation
5.1.2 The Village of Bettsville will identify and train a group of	Deleted	County developed
volunteers or workers to manage the community gathering place as		CERT
needed and when offered or occupied by residents		
5.1.3 The Village of Bettsville will work with the Seneca County EMA	Deleted	New ARC
to establish the operating procedures for the community gathering		procedures
places, and to determine how and when they will be activated		
5.1.4 The Village of Bettsville will search for and identify funding	Deleted	CERT assigned
sources to support the development and equipping of community		
gathering places for disaster relief purposes with at least sump		
pumps (as appropriate) and generators		
1.1.1 The Village of Bloomville will work with these facilities to find	Completed	Sump pumps not
generators and sump pumps when needed so they can provide the		included
highest amount of comfort for residents as possible during disasters		
1.1.2 The Village of Bloomville will identify and train a group of	Deleted	County developed
volunteers or workers to manage the community gathering place as		CERT
needed and when offered or occupied by residents		
1.1.3 The Village of Bloomville will work with the Seneca County	Deleted	CERT assumed duty
EMA to establish the operating procedures for the community		as part of EMA
gathering places, and to determine how and when they will be		
activated		
2.1.1 The Village of Bloomville will encourage utility companies to	Completed	
bury existing overhead utility supply lines to make them resistant to		
disaster	Dalatad	\/:!!
2.1.2 The Village of Bloomville will consider zoning rules and	Deleted	Village does not
requirements that mandate utility lines to be underground for new construction and new subdivisions		have responsibility
3.1.1 The Village of Bloomville will place information in letters and	Deleted	
other pieces of written information sent to residents about right-of-	Deleteu	
way responsibilities of landowners		
3.1.2 The Village of Bloomville will use the media to convey	Deleted	
information to residents and landowners about right of way	Beleteu	
responsibilities and maintenance		
3.2.1 The Village of Bloomville will provide written information to	Deleted	
property owners about the proper way to trim trees and shrubs to		
be disaster resistant		
3.2.2 The Village of Bloomville will work with landowners to	Completed	
facilitate cleaning of ditches to remove debris and vegetation that	·	
impedes the flow of runoff water		
3.2.2 The Village of Bloomville will work with landowners to	Completed	
facilitate cleaning of ditches to remove debris and vegetation that	-	
impedes the flow of runoff water.		
FOSTORIA		
1.1 The City of Fostoria will work with property owners to identify	Continued	Ongoing need
funding sources for landowners to be used to construct safe rooms		
for residences without basements or other underground protection		
areas.		

Status	Explanation
Continued	Grant application
	in process to
	achieve this
Continued	Project in process
	as a result of this
Continued	Ongoing need
	0 0 0
Continued	Ongoing activity
33	gog
Continued	Ongoing need until
	adopted
Continued	Ongoing need until
	adopted
	•
Continued	Ongoing need until
	adopted
	•
Completed	Sump pumps not
·	funded
Deleted	County developed
	CERT instead
Deleted	Transferred to
	County EMA
	,
	Continued Continued Continued Continued Continued Continued Continued Continued Deleted Deleted

Strategy	Status	Explanation
6.1.4 The City of Fostoria will search for and identify funding	Continued	Need still exists
sources to support the development and equipping of community		
gathering places for disaster relief purposes with at least sump		
pumps (as appropriate) and generators		
7.1 The City of Fostoria will install additional outdoor warning sirens	Continued	Modified to include
within the city to increase penetration of warning delivery to city		opt-in cellular and
residents, workers, and guests		phone alerts
8.1.1 The City of Fostoria will work with its first responders to	Completed	
provide high quality training in response to rail accidents including		
and not including hazardous and extremely hazardous substances	Camanlatad	
8.1.2 The City of Fostoria will work with its first responders to	Completed	
provide high quality training in response to fires and explosions		
involving fuels and hazardous or extremely hazardous substances that are being hauled as cargo on trains and trucks travelling		
through the city		
8.1.3 The City of Fostoria will work with first responders to identify	Completed	
funding for the purchase of specialty equipment needed to respond	Completed	
to and/or mitigate incidents involving transportation accidents.		
8.2.1 The City of Fostoria will work with the railroad to decrease	Continued	Ongoing need
crash likelihood through the city through enforcement of rail speed		
limits, warning sounds, and notification of extremely hazardous		
cargo		
8.2.2 The City of Fostoria will work to educate its citizens and	Continued	Ongoing need
workers about rail safety, and crossing safety to diminish the		
incidence of car-train accidents in city limits		
8.2.3 The City of Fostoria will work with the railroads to find	Continued	Ongoing need
methods of risk management and reduction for damages to homes		
that are located close to railroad tracks or are located near high-risk		
derailment zones where track turns and curves present additional		
derailment risk.		
NEW RIEGEL 1.1.1 The Village of New Riegel will work with these facilities to find	Completed	Sump pumps not
generators and sump pumps when needed so they can provide the	Completed	Sump pumps not included
highest amount of comfort for residents as possible during		iliciadea
disasters.		
1.1.2 The Village of New Riegel will identify and train a group of	Deleted	County developed
volunteers or workers to manage the community gathering place as		CERT
needed and when offered or occupied by residents.		
1.1.3 The Village of New Riegel will work with the Seneca County	Deleted	County EMA
EMA to establish the operating procedures for the community		assumed under
gathering places, and to determine how and when they will be		CERT
activated		
1.1.4 The Village of New Riegel will search for and identify funding	Deleted	Community will use
sources to support the development and equipping of community		school
gathering places for disaster relief purposes with at least sump		
pumps (as appropriate) and generators		

Strategy	Status	Explanation
2.1.1 The Village of New Riegel will encourage utility companies to	Deleted	Insufficient
bury existing overhead utility supply lines to make them resistant to		stakeholder
disaster		support
2.1.2 The Village of New Riegel will consider zoning rules and	Deleted	Insufficient
requirements that mandate utility lines to be underground for new		development to
construction and new subdivisions		support need
3.1.1 The Village of New Riegel will place information in letters and	Deleted	
other pieces of written information sent to residents about right-of-		
way responsibilities of landowners		
3.1.2 The Village of New Riegel will use the media to convey	Deleted	
information to residents and landowners about right of way		
responsibilities and maintenance	Dalatad	
3.2.1 The Village of New Riegel will provide written information to	Deleted	
property owners about the proper way to trim trees and shrubs to be disaster resistant		
3.2.2 The Village of New Riegel will work with landowners to	Completed	
facilitate cleaning of ditches to remove debris and vegetation that	Completed	
impedes the flow of runoff water		
3.3.1 The Village of New Riegel will provide information to property	Deleted	
owners about the best species of trees and shrubs to plant to be		
disaster resistant		
1.1.1 The Village of Republic will work with these facilities to find	Completed	Sump pumps not
generators and sump pumps when needed so they can provide the		included
highest amount of comfort for residents as possible during disasters		
1.1.2 The Village of Republic will identify and train a group of	Deleted	County developed
volunteers or workers to manage the community gathering place as		CERT instead
needed and when offered or occupied by residents		
1.1.4 The Village of Republic will search for and identify funding	Completed	
sources to support the development and equipping of community		
gathering places for disaster relief purposes with at least sump		
pumps (as appropriate) and generators	Dalatad	
2.1.1 The Village of Republic will place information in letters and	Deleted	
other pieces of written information sent to residents about right-of- way responsibilities of landowners		
2.1.2 The Village of Republic will use the media to convey	Deleted	
information to residents and landowners about right of way	Deleteu	
responsibilities and maintenance.		
2.2.1 The Village of Republic will provide written information to	Deleted	
property owners about the proper way to trim trees and shrubs to		
be disaster resistant		
2.2.2 The Village of Republic will work with landowners to facilitate	Completed	
cleaning of ditches to remove debris and vegetation that impedes		
the flow of runoff water		
2.3.1 The Village of Republic will provide information to property	Deleted	
owners about the best species of trees and shrubs to plant to be		
disaster resistant		

Strategy	Status	Explanation
3.1.1 The Village of Republic will encourage utility companies to	Completed	·
bury existing overhead utility supply lines to make them resistant to		
disaster		
3.1.2 The Village of Republic will consider zoning rules and	Deleted	Insufficient
requirements that mandate utility lines to be underground for new		stakeholder
construction and new subdivisions.		support
TIFFIN		
1.1.1 The City of Tiffin will rebuild the floodwalls that are	Continued	No funding source
deteriorated and unable to withstand the stress of heavy		obtained
rainwaters		
1.1.2 The City of Tiffin will repair the floodwalls that show signs of	Continued	Maintenance is
wear and tear, but are structurally sound and effective.		ongoing
1.2.1 The City of Tiffin will increase the size of storm sewers in the	Continued	No funding
downtown area to more adequately handle heavy rain and runoff		identified
1.2.2 The City of Tiffin will install check valves in storm sewer in	Continued	No funding
low-lying areas to prevent backflow into the system during heavy		identified
rains and runoff in those areas		
2.1.1 The City of Tiffin will work to identify funding and to develop	Continued	No property
applications to demolish repetitive loss and severe repetitive loss		owners took
structures, and will work to identify local match funding as needed		advantage of the
to apply for and utilize the mitigation programs identified.		program
2.1.2 The City of Tiffin will work with landowners to engage in a	Continued	No property
relocation project for inhabitants of identified repetitive loss and		owners took
severe repetitive loss and blighted structures to be demolished as		advantage of the
part of mitigation projects.		program
2.1.3 The City of Tiffin will demolish structures that are identified as	Continued	No property
repetitive loss, severe repetitive loss, and/or blighted/abandoned		owners took
as a mitigation project		advantage of the
		program
3.1 The City of Tiffin will create the process by which full residential	Continued	Insufficient
building codes will be developed to include construction, electrical,		stakeholder
and plumbing codes		support
3.2 The City of Tiffin will write and adopt residential building codes	Continued	Insufficient
as a means to achieve mitigation goals of reducing damages due to		stakeholder
disasters		support
3.3 The City of Tiffin will educate the construction industry and the	Deleted	Codes not adopted
general public about newly adopted residential building codes		
4.1.1 The City of Tiffin will work with these facilities to find	Continued	Sump pumps not
generators and sump pumps when needed so they can provide the		obtained at all; not
highest amount of comfort for residents as possible during disasters		enough generators
		obtained
4.1.2 The City of Tiffin will identify and train a group of volunteers	Deleted	County developed
or workers to manage the community gathering place as needed		CERT
and when offered or occupied by residents		

Strategy	Status	Explanation
4.1.3 The City of Tiffin will work with the Seneca County EMA to	Continued	Deferred to county
establish the operating procedures for the community gathering		for CERT
places, and to determine how and when they will be activated	5.1.1	- C 1:
4.1.4 The City of Tiffin will search for and identify funding sources	Deleted	Transferred to
to support the development and equipping of community gathering		county and CERT
places for disaster relief purposes with at least sump pumps (as		
appropriate) and generators		611 1111
5.1 The City of Tiffin will continue to support and operate a fire	Completed	City responsibility
department, police department, public health initiatives, and other		
safety forces to protect and preserve the city's resources and		
residents in a safe environment during disasters and large-scale		
emergencies. 5.2.1 The City of Tiffin will utilize special grant programs and other	Continued	Ongoing pood for
external funding to support internal sources of funds to achieve this	Continued	Ongoing need for grant programs
goal.		grant programs
5.3.1 The City of Tiffin will examine and evaluate public and private	Completed	
sources for support funding for safety force initiatives		
6.1.1 The City will assess the location of existing sirens and develop	Continued	Ongoing
a plan that includes locations and numbers of additional sirens to		monitoring and
be installed		upgrading;
		including op-in
		phone systems
6.1.2 The City of Tiffin will work with the Seneca County EMA to	Continued	Universities need
secure a funding source to pay for additional sirens, and to		sirens rather than
maintain them once installed		opt-in call
		programs
6.1.3 The City of Tiffin will install additional outdoor warning sirens	Deleted	Modified to opt-in
in the City of Tiffin		call notification
		systems
7.1.1 The City of Tiffin will work with institutions and organizations	Completed	County EMA
that serve functional needs clients to determine their plans of		assessment
emergency action with the purpose of identifying gaps in		
capabilities and resources for functional needs and others who will		
need additional assistance		
7.1.2 The City of Tiffin will develop a volunteer workforce to	Deleted	Transferred to
provide additional assistance to elderly, single parents, and others		county CERT
who are not considered functional needs clients but will need		program
additional help during disaster.		
7.1.3 The City of Tiffin will develop a communications process to	Deleted	Not practical
reach these individuals during disasters to advise them of available		
help and resources		

3.2 RISK PRIORITIES

The Hazard Identification and Risk Assessment provides a detailed explanation of the hazards and risks Seneca County stakeholders identified through discussions of the frequency and severity of past hazards and potential damages from future incidents. This section builds on that information and identifies mitigation strategies that could reduce vulnerability to the identified hazards. When developing and prioritizing strategies, participants considered actions that would benefit the greatest number of people and considered how the strategy would be funded. In some cases, funding would come from the jurisdiction's general budget while others would require special funding, including state and federal grants. Ultimately, the planning team determined that strategies should be prioritized according to the hazard rank in the HIRA. The hazards were ranked using a comprehensive process that included frequency, response duration, speed of onset, magnitude, business impact, human impact, and property impact.

For each jurisdiction, a goal related to each specific hazard was developed. Within each goal, multiple mitigation strategies, or objectives, were created based on the proposed actions to reduce vulnerability. When prioritizing the strategies, the planning team considered cost of implementation and feasibility in completing the action. In general, strategies that were less expensive or easier to implement were prioritized higher because they were more likely to be completed. Projects requiring state or federal grant funding, extensive multi-agency collaboration, or other more complicated processes were considered lower priority because they would take more time to complete.

At strategy review meetings and during the final review phase of the plan, jurisdictions and stakeholders had the opportunity to revise strategies and adjust the prioritization. The final strategies presented in this section reflect those adjustments and revisions.

3.3 MITIGATION GOALS AND STRATEGIES

Mitigation strategies were developed based on the input from planning team members, jurisdiction representatives, and a variety of stakeholders and were presented to the community for review prior to completion of the plan. This section identifies the mitigation goals and strategies for the county and each incorporated jurisdiction, along with the priority, action type, lead agency, timeline, and potential funding source for to each. While strategies are listed by jurisdiction, it may be most appropriate to delegate project administration and implementation to another entity when a strategy becomes an actionable project. It is not possible to foresee which districts, nonprofit organizations, or other entities might be that appropriate party at the time this plan is developed; therefore, other entities may actually be selected to apply for mitigation grants, administer the grants, implement the projects, and evaluate the results.

A variety of grant programs will be utilized to fund projects, as available. Pre-Disaster Mitigation and Flood Mitigation Assistance are grant programs that typically cycle annually, and funding is made available through local jurisdictions like counties, cities, villages and townships. Hazard Mitigation Grant Program funds become available to jurisdictions and other entities after an incident. Other grant programs may be utilized in addition to those mentioned above. These could include Community Development Block Grants, Clean Ohio grants, and Ohio Public Works funding as well as many other federal, state and private grant programs and low interest loan options. With new funding programs on the horizon, it was not possible to identify all potential funding sources at the time this plan was developed.

Strategy Descriptors

When developing strategies, the planning team considered who would be responsible for leading mitigation efforts, how the work would be funded, and in what order jurisdictions would address potential actions. These elements are defined in table 3-2 and identified for each strategy. Some of this information may change over the five-year life of this plan and as strategies are implemented.

<u>Priority</u>: Jurisdictions ranked hazards according to their local priorities. Goals and strategies are expressed alphabetically according to hazard for ease of comparison and to simplify use of the plan. The jurisdictions will address strategies in order of priorities as established in their individual jurisdiction. If the #1 hazard in a community is flood, then the flood strategies will be considered the highest priority.

Action Type: Each strategy is assigned to a type category based on the activity described:

- Natural Resource Protection Reduce the impacts of natural hazard by preserving or restoring natural areas and their mitigation functions
- Prevention Avoid hazard problems or stop impact from worsening
- Property Protection Protect structures by modifying or strengthening building to withstand impact

- Public Information Advise the public about hazards, hazardous areas, and mitigation techniques to protect people and property
- Structurally Engineered Project Lessen the impact of a hazard by modifying the environment or progression of the hazard event through designed and engineered projects
- Public Safety Enhancement These actions will improve, enhance, update or expand the services or support of services provided by law enforcement, fire departments and/or emergency medical services

<u>Lead Agency</u>: The lead agency is the entity charged with ensuring that officials look for opportunities to complete the strategy over the five-year planning cycle. This agency may not execute the strategy or be responsible for project oversight but is responsible for coordinating the overall effort or is the entity most appropriate to lead the initial stages of project development.

<u>Timeline</u>: The timeframe in which a mitigation strategy could realistically be implemented. The actual time frame may vary from what is described in this plan, depending on funding, grant opportunities, or changes in priorities as other critical activities are adjusted to meet evolving community needs.

Funding Source: The most likely funding sources for the strategy.

- FMA Flood Mitigation Assistance Grant
- PDM Pre-Disaster Mitigation Grant
- HMGP Hazard Mitigation Grant Program
- SRL Severe Repetitive Loss Grant
- RFC Repetitive Flood Claims Program
- ICC Increased Cost of Compliance (including rate increases or premiums)
- LOC Local Funds
- ST State Funds
- Other (including private funds and non-governmental agency funding)

3.3.1 Seneca County

The Seneca County mitigation goals and strategies address countywide mitigation issues and those in the unincorporated areas of the county. County officials will oversee implementation of these strategies. These mitigation strategies will be managed by county government officials, including the EMA Director, County Engineer, and Soil and Water Conservation District Manager. The County Engineer is responsible for road, bridge, and culvert maintenance as well as road ditch maintenance; Soil and Water Conservation District is the floodplain manager, oversees county ditches that are part of the countywide ditch maintenance program and works with natural resources. The EMA Director works will jurisdictions and officials across the county to promote and implement disaster and emergency preparedness measures.

Many of the identified strategies will be funded through the county's budget; a township, nonprofit organization, or special district may elect to apply for and administer grants for which the entity is eligible. These locally applied grant funds come from a variety of sources, including federal and state tax revenue, user fees, assessments and incentive programs, and others. Some of the larger natural resource preservation, property protection, and structurally engineered projects will require funding through special sources. These can include federal mitigation programs such as Pre-Disaster Mitigation and Hazard Mitigation Grant Program or other state and federal grant programs that may become available during the validity of this plan.

Table 3-2: Seneca County Mitigation Strategies

Priority	Action Type	Lead	Start Date	End Date	Funding
Cool 1 Drough	t/Eutromo Hooti Conoco C	overte will account the	a naliability of w	otor complies do	wing duoabt
and extreme he	it/Extreme Heat: Seneca C	ounty will assess th	e reliability of w	ater supplies du	iring arougnt
	will advocate and support t	he hardening of wat	ter supply infrast	tructure to inclu	de alternate
•	r and protection of treatme	_		iracture to inclu	de alternate
43	Property Protection	EMA Director	01/09/2020	01/09/2025	LOC
· · · · · · · · · · · · · · · · · · ·	will develop a plan of action				
lengthy water su	· ·	ii to provide potable	water to reside	ints during a pote	Littially
44	Natural Resource	EMA Director	01/09/2020	01/09/2025	LOC
7-7	Protection	LIVIA DII CCCOI	01/03/2020	01/03/2023	LOC
Goal 2 - Farthou	lake: Seneca County will a	ssess damage noter	tial from eartho	uskes and estab	olich a safety
plan for residen	·	ssess damage poten	itiai iroini cartiiq	juakes and estar	onsii a saicty
•	will identify the structures	and infrastructure th	nat would likely l	ne damaged or d	estroyed in
1	of moderate to severe mag		iat would likely i	oc damaged or d	icstroyed in
41	Property Protection		01/09/2020	01/09/2025	LOC
	will refine local emergency				
•	_ ,	•	•		
1 ' ' '	be as protected as possible	-	iu notincation, p	rotective action	s, allu
	f accurate and timely infor		04/00/2020	04/00/0005	100
42	Public Information	EMA Director	01/09/2020	01/09/2025	LOC
	Seneca County will work to	o reduce flooding ar	nd limit loss of li	te or injury and	property
damage caused	by flooding.				

Priority	Action Type	Lead	Start Date	End Date	Funding
3.1 The County	will require construction of	water control struc	tures (reservoirs	, retention/dete	ention ponds,
dams, levees, d	ikes, floodwalls, etc.) to pre	event flooding of pro	perties.		
29	Structurally Engineered	County Engineer	01/09/2020	01/09/2025	LOC; PDM;
	Projects				HMGP;
					CDBG; ICC
3.2 The County	will acquire, demolish, and,	or retrofit flood-pro	one structures.		
8	Prevention	EMA Director	01/09/2020	01/09/2025	PDM;
					HMGP; SRL;
					FMA; RFC;
					Other
3.3 The County	will clear debris, fallen tree	s, excess sediment,	and other obstru	uctions from wat	terways to
improve flow.					
28	Natural Resource	SWCD Director	01/09/2020	01/09/2025	LOC; ICC;
	Protection				Other
•	will work with watershed o	•	-		hare an
interest in wate	erways to facilitate cleaning	, maintaining, and e	liminating proble	ems.	
11	Natural Resource	SWCD Director	01/09/2020	01/09/2025	LOC; ICC;
	Protection				Other
3.5 The County	will utilize natural habitat o	reation and/or use	of vegetative but	ffers inside wate	rways to slow
the rapid flow of	of floodwater and/or hold e	xcess storm water.			
10	Natural Resource	SWCD Director	01/09/2020	01/09/2025	LOC; ICC;
	Protection				Other
3.6 The County	will maintain and enforce f	loodplain, zoning, ar	nd existing build	ing regulations to	o manage
development ir	flood-prone areas.				
12				,	
14	Prevention		01/09/2020	01/09/2025	LOC
	will maintain participation	in NFIP and engage			
	will maintain participation	in NFIP and engage			
3.7 The County	will maintain participation	in NFIP and engage SWCD Director			
3.7 The County flood prevention	will maintain participation on.	SWCD Director	in floodplain ma	nagement activit	ties to support
3.7 The County flood prevention	will maintain participation on. Prevention	SWCD Director	in floodplain ma	nagement activit	ties to support
3.7 The County flood prevention 9 3.8 The County 26	will maintain participation on. Prevention will conduct a public aware	SWCD Director eness campaign for in EMA Director	01/09/2020 ndividual flood in 01/09/2020	01/09/2025 nsurance awarer 01/09/2025	LOC ness. LOC
3.7 The County flood prevention 9 3.8 The County 26	will maintain participation on. Prevention will conduct a public aware Public Information	SWCD Director eness campaign for in EMA Director	01/09/2020 ndividual flood in 01/09/2020	01/09/2025 nsurance awarer 01/09/2025	LOC ness. LOC
3.7 The County flood prevention 9 3.8 The County 26 3.9 The County 27	will maintain participation on. Prevention will conduct a public aware Public Information will procure adequate temp	SWCD Director eness campaign for in EMA Director porary or changeabl County Engineer	in floodplain ma 01/09/2020 ndividual flood in 01/09/2020 e signs to mark f 01/09/2020	01/09/2025 nsurance awarer 01/09/2025 looded roadway 01/09/2025	LOC ness. LOC rs quickly. LOC
3.7 The County flood prevention 9 3.8 The County 26 3.9 The County 27 3.10 The Count	will maintain participation on. Prevention will conduct a public aware Public Information will procure adequate temp Public Information	SWCD Director eness campaign for in EMA Director porary or changeabl County Engineer	in floodplain ma 01/09/2020 ndividual flood in 01/09/2020 e signs to mark f 01/09/2020	01/09/2025 nsurance awarer 01/09/2025 looded roadway 01/09/2025	LOC ness. LOC rs quickly. LOC
3.7 The County flood prevention 9 3.8 The County 26 3.9 The County 27 3.10 The Count	will maintain participation on. Prevention will conduct a public aware Public Information will procure adequate temp Public Information	SWCD Director eness campaign for in EMA Director porary or changeabl County Engineer	in floodplain ma 01/09/2020 ndividual flood in 01/09/2020 e signs to mark f 01/09/2020	01/09/2025 nsurance awarer 01/09/2025 looded roadway 01/09/2025	LOC ness. LOC rs quickly. LOC
3.7 The County flood prevention 9 3.8 The County 26 3.9 The County 27 3.10 The Count precipitation. 13	will maintain participation on. Prevention will conduct a public aware Public Information will procure adequate temp Public Information y will improve and repair ro	SWCD Director eness campaign for in EMA Director porary or changeabl County Engineer padways and berms of	in floodplain ma 01/09/2020 ndividual flood in 01/09/2020 e signs to mark f 01/09/2020 damaged by rapi	01/09/2025 Insurance awarer 01/09/2025 Ilooded roadway 01/09/2025 Id runoff and hea	LOC ness. LOC rs quickly. LOC avy CDBG; LOC
3.7 The County flood prevention 9 3.8 The County 26 3.9 The County 27 3.10 The Count precipitation. 13 3.11 The Count	will maintain participation on. Prevention will conduct a public aware Public Information will procure adequate temp Public Information y will improve and repair ro	SWCD Director eness campaign for in EMA Director porary or changeabl County Engineer padways and berms of County Engineer of identify a means to	in floodplain ma 01/09/2020 ndividual flood in 01/09/2020 e signs to mark f 01/09/2020 damaged by rapi 01/09/2020 o repair and impri	01/09/2025 Insurance awarer 01/09/2025 Idoded roadway 01/09/2025 Id runoff and hea 01/09/2025 Tove railroad own	LOC ness. LOC rs quickly. LOC avy CDBG; LOC
3.7 The County flood prevention 9 3.8 The County 26 3.9 The County 27 3.10 The Count precipitation. 13 3.11 The Count	will maintain participation on. Prevention will conduct a public aware Public Information will procure adequate temporal public Information y will improve and repair ro Property Protection y will work with railroads to	SWCD Director eness campaign for in EMA Director porary or changeabl County Engineer padways and berms of County Engineer of identify a means to	in floodplain ma 01/09/2020 ndividual flood in 01/09/2020 e signs to mark f 01/09/2020 damaged by rapi 01/09/2020 o repair and impri	01/09/2025 Insurance awarer 01/09/2025 Idoded roadway 01/09/2025 Id runoff and hea 01/09/2025 Tove railroad own	LOC ness. LOC rs quickly. LOC avy CDBG; LOC ned bridges,
3.7 The County flood prevention 9 3.8 The County 26 3.9 The County 27 3.10 The Count precipitation. 13 3.11 The Count culverts, overpa	will maintain participation on. Prevention will conduct a public aware Public Information will procure adequate temp Public Information y will improve and repair ro Property Protection y will work with railroads to	SWCD Director eness campaign for in EMA Director porary or changeabl County Engineer adways and berms of County Engineer or identify a means to s and keep them cle County Engineer	o1/09/2020 ndividual flood in 01/09/2020 e signs to mark from 01/09/2020 damaged by rapid o1/09/2020 o repair and impress of debris and 01/09/2020	01/09/2025 Insurance awarer 01/09/2025 Ilooded roadway 01/09/2025 Indirection of the control of	LOC ress. LOC res quickly. LOC avy CDBG; LOC ned bridges, ipment. LOC
3.7 The County flood prevention 9 3.8 The County 26 3.9 The County 27 3.10 The Count precipitation. 13 3.11 The Count culverts, overpand 14 3.12 The Count	will maintain participation on. Prevention will conduct a public aware Public Information will procure adequate temp Public Information y will improve and repair ro Property Protection y will work with railroads to asses, and abandoned track Property Protection	SWCD Director eness campaign for in EMA Director porary or changeabl County Engineer adways and berms of County Engineer or identify a means to s and keep them cle County Engineer	o1/09/2020 ndividual flood in 01/09/2020 e signs to mark from 01/09/2020 damaged by rapid o1/09/2020 o repair and impress of debris and 01/09/2020	01/09/2025 Insurance awarer 01/09/2025 Ilooded roadway 01/09/2025 Indirection of the control of	LOC ress. LOC res quickly. LOC avy CDBG; LOC ned bridges, ipment. LOC
3.7 The County flood prevention 9 3.8 The County 26 3.9 The County 27 3.10 The Count precipitation. 13 3.11 The Count culverts, overpand 14 3.12 The Count	will maintain participation on. Prevention will conduct a public aware Public Information will procure adequate temp Public Information y will improve and repair ro Property Protection y will work with railroads to asses, and abandoned track Property Protection y will identify and implement	SWCD Director eness campaign for in EMA Director porary or changeabl County Engineer adways and berms of County Engineer or identify a means to s and keep them cle County Engineer	o1/09/2020 ndividual flood in 01/09/2020 e signs to mark from 01/09/2020 damaged by rapid o1/09/2020 o repair and impress of debris and 01/09/2020	01/09/2025 Insurance awarer 01/09/2025 Ilooded roadway 01/09/2025 Indirection of the control of	LOC ress. LOC res quickly. LOC avy CDBG; LOC ned bridges, ipment. LOC

flow by planting	Action Type	Lead	Start Date	End Date	Funding
	will protect banks and langstream bank vegetation, i	nstalling dormant we	oody stakes and	posts, planting t	rees, shrubs
and grasses alor	ng banks and berms, or usi	ng deflectors to prev	ent deterioratio	n, or other simil	ar methods to
18	Natural Resource	SWCD Director	01/09/2020	01/09/2025	LOC; Other
10	Protection	3VVCD Director	01/03/2020	01/03/2023	Loc, other
3.14 The County	/ will utilize biotechnical m	ethods (placement o	of willow posts, h	nardwood tree p	lantings,
fascines, brush l	ayering, evergreen revetm	ents, log revetments	s, tree kickers, lu	nker structures,	or placed
rocks as exampl	es) to minimize the deterio	ration or destructio	n of stream banl	ks due to excessi	ve flow.
17	Natural Resource	SWCD Director	01/09/2020	01/09/2025	LOC; Other
	Protection				
•	will manage stream flow	through channel, sec	dimentation, deb	oris and obstruct	ion, and
	management practices.	T			T
20	Natural Resource	SWCD Director	01/09/2020	01/09/2025	LOC; ICC;
2.46.71 6	Protection		1 1.		Other
	/ will utilize stream bank pr		_	evetments, ripra	p revetments
and crib walls, a	nd other structural metho Natural Resource	SWCD Director	01/09/2020	01/09/2025	LOC; ICC;
10	Protection	3WCD Director	01/09/2020	01/09/2025	Other
2 17 The County	will request that develope	ors and for construct	ion crows use to	als such as show	
diversion for su	areas highly vulnerable to r rface runoff, and other me ce runoff or drainage from	thods to reduce the	damages to land	and property d	•
19	Natural Resource	SWCD Director	01/09/2020	01/09/2025	LOC; ICC;
	Protection				Other
	will encourage the use of good policies, green roof mate f.				
21	Property Protection	County Engineer	01/09/2020	01/09/2025	LOC; Othe
	will protect soil quality by ntour farming and strip-croplanting, establishment of	opping, use of cover	crops, installatio	n of field borde	nent, contour
grazing, pasture sediment contro nutrient manag windbreaks, wo	ol basins, critical area plant ement, pest management, odlot management, tree p	ting, diversion, terract well abandonment, lanting, and creation	cing, manure sto riparian buffers,	rage and runoff wetland restora	ater and control, ation,
grazing, pasture sediment contro nutrient manag windbreaks, wo adjacent to, or r	ement, pest management, odlot management, tree p near incorporated County p	ting, diversion, terraction, well abandonment, lanting, and creation property.	cing, manure sto riparian buffers, of upland wildli	rage and runoff wetland restora fe habitat on far	ater and control, ation, mland inside
grazing, pasture sediment contro nutrient manag windbreaks, wo	ement, pest management, odlot management, tree pnear incorporated County polynome. Natural Resource	ting, diversion, terract well abandonment, lanting, and creation	cing, manure sto riparian buffers,	rage and runoff wetland restora	ater and control, ation,
grazing, pasture sediment contro nutrient manag windbreaks, wo adjacent to, or r	ement, pest management, odlot management, tree p near incorporated County p Natural Resource Protection	ting, diversion, terraction, well abandonment, lanting, and creation property. SWCD Director	cing, manure sto riparian buffers, of upland wildli 01/09/2020	rage and runoff wetland restorate habitat on far 01/09/2025	eter and control, ation, mland inside
grazing, pasture sediment control nutrient managwindbreaks, wo adjacent to, or reconstruction 22 3.20 The County such as installat	ement, pest management, odlot management, tree pnear incorporated County pnear incorporate inc	ting, diversion, terraction, well abandonment, lanting, and creation property. SWCD Director ent of surface runoff reation of infiltration	cing, manure sto riparian buffers, of upland wildli 01/09/2020 f and chemical re n basins and tren	rage and runoff wetland restorate habitat on far 01/09/2025 esidue through to these, porous pa	ater and control, ation, mland inside LOC; Othe echniques vement

Priority	Action Type	Lead	Start Date	End Date	Funding
•	y will continue to inform pr			• •	ood stage, and
will advocate fo	r the study of flooding risks			acteristics.	
24	Property Protection	EMA Director	01/09/2020	01/09/2025	LOC
3.22 The County	y will work with property o	wners, farmers, quai	rry owners, and	others whose lar	nd is affected
by karst flooding	g to identify mitigation opp	portunities that will p	protect their pro	perty.	
25	Property Protection	EMA Director	01/09/2020	01/09/2025	LOC
Goal 4 – Hazard	lous Materials Incident: Se	neca County will wo	ork to lessen bot	th the number of	f spills, leaks,
and releases fro	om hazardous materials so	urces, as well as less	sen the damage	s from such incid	dents.
•	will ensure signage on high		is clear and easy	to follow to dec	rease the
likelihood of veh	hicle accidents due to unsu	re routes of travel.			
47	Public Information	County Engineer	01/09/2020	01/09/2025	LOC; ST
4.2 The County	will advocate for funding for	or and conduct of ad	ditional first resp	ponder training t	o prepare
responders for h	highway hazardous materia	als incidents and pipe	eline and rail inc	idents.	
48	Public Safety	EMA Director	01/09/2020	01/09/2025	LOC; Other
4.3 The County	will collaborate with entitie	es that bring new ha	zardous substan	ces to communit	ies through
construction of	additional highways, railro	ads, or pipelines for	first responder t	raining.	
49	Public Safety	EMA Director	01/09/2020	01/09/2025	LOC; ST;
					Other
4.4 The County	will enforce load limits on	county roads, bridge	s, and overpasse	es to prevent haz	ardous
	will chilorec load lilling on t				
•	and releases due to overwe	eight and out-of-com	pliance hauling.		
materials spills a		Sheriff	01/09/2020	01/09/2025	e species that
materials spills a 50 Goal 5 – Invasiv weaken and des 5.1 The County on private prope	Property Protection Ye Species: Seneca County stroy trees that cause large will maintain trees and vegerty.	Sheriff will lessen the cost of e amounts of debrist getation on public/ju	01/09/2020 of plant debris c requiring remo	01/09/2025 aused by invasive val after storms. Try and advocate	for the same
materials spills a 50 Goal 5 – Invasiv weaken and des 5.1 The County on private prope 58	Property Protection The Species: Seneca County of Stroy trees that cause large will maintain trees and veg erty. Property Protection	Sheriff will lessen the cost of e amounts of debrise getation on public/ju County Engineer	01/09/2020 of plant debris content requiring removal resolution proper 01/09/2020	01/09/2025 aused by invasive val after storms. Try and advocate 01/09/2025	for the same
materials spills a 50 Goal 5 – Invasiv weaken and des 5.1 The County on private proper 58 5.2 The County of	Property Protection we Species: Seneca County stroy trees that cause large will maintain trees and vegenty. Property Protection will work to clear public an	Sheriff will lessen the cost of e amounts of debrist getation on public/ju County Engineer d private areas of de	01/09/2020 of plant debris c requiring remover reduction proper 01/09/2020 ead or diseased to	01/09/2025 aused by invasive val after storms. Try and advocate 01/09/2025	for the same
materials spills a 50 Goal 5 – Invasiv weaken and des 5.1 The County on private prope 58 5.2 The County of damaged by wir	Property Protection Ye Species: Seneca County Stroy trees that cause large will maintain trees and veg erty. Property Protection will work to clear public an nd events and cause destru	Sheriff will lessen the cost of e amounts of debrise tetation on public/ju County Engineer d private areas of decition of other proper	01/09/2020 of plant debris c requiring removerisdiction proper 01/09/2020 ead or diseased terty.	01/09/2025 aused by invasive val after storms. Try and advocate 01/09/2025 crees that will east	for the same LOC; Other sily be
materials spills a 50 Goal 5 – Invasiv weaken and des 5.1 The County on private prope 58 5.2 The County of damaged by wirk 59	Property Protection we Species: Seneca County stroy trees that cause large will maintain trees and veg erty. Property Protection will work to clear public and events and cause destrute Property Protection	Sheriff will lessen the cost of e amounts of debrise teation on public/ju County Engineer d private areas of description of other proper County Engineer	o1/09/2020 of plant debris content requiring remover resolution proper o1/09/2020 ead or diseased terty. o1/09/2020	01/09/2025 aused by invasive val after storms. Try and advocate 01/09/2025 brees that will east 01/09/2025	for the same LOC; Other sily be LOC; Other
materials spills a 50 Goal 5 – Invasiv weaken and des 5.1 The County on private prope 58 5.2 The County of damaged by wir 59 Goal 6 – Infrastr	Property Protection we Species: Seneca County stroy trees that cause large will maintain trees and vegenty. Property Protection will work to clear public and events and cause destrute Property Protection will work to clear public and events and cause destrute Property Protection ructure Failure: Seneca Co	Sheriff will lessen the cost of e amounts of debrise etation on public/ju County Engineer of private areas of detaction of other proper County Engineer unty will lessen dame	o1/09/2020 of plant debris c requiring removerisdiction proper 01/09/2020 ead or diseased terty. 01/09/2020 nages to propert	01/09/2025 aused by invasive val after storms. Try and advocate 01/09/2025 crees that will east 01/09/2025 by due to infrastr	for the same LOC; Other sily be LOC; Other
materials spills a 50 Goal 5 – Invasiv weaken and des 5.1 The County on private prope 58 5.2 The County odamaged by wir 59 Goal 6 – Infrastr by hardening ut	Property Protection Ye Species: Seneca County Stroy trees that cause large will maintain trees and veg erty. Property Protection will work to clear public an nd events and cause destru Property Protection ructure Failure: Seneca Co tilities and infrastructure to	Sheriff will lessen the cost of e amounts of debrist getation on public/ju County Engineer d private areas of description of other proper County Engineer unty will lessen dam o meet the needs of	o1/09/2020 of plant debris c requiring remover reduction proper of the community of the com	01/09/2025 aused by invasive val after storms. Try and advocate 01/09/2025 crees that will east 01/09/2025 cry due to infrastry.	for the same LOC; Other sily be LOC; Other ructure failure
materials spills a 50 Goal 5 – Invasiv weaken and des 5.1 The County on private proper 58 5.2 The County of damaged by wir 59 Goal 6 – Infrastr by hardening ut 6.1 The County of	Property Protection we Species: Seneca County stroy trees that cause large will maintain trees and veg erty. Property Protection will work to clear public and events and cause destruing Property Protection ructure Failure: Seneca Cotilities and infrastructure to will work to ensure all classes.	Sheriff will lessen the cost of e amounts of debrise getation on public/ju County Engineer of private areas of description of other proper county Engineer unty will lessen dam o meet the needs of sified dams (including	o1/09/2020 of plant debris c requiring removerisdiction proper 01/09/2020 ead or diseased terty. 01/09/2020 nages to propert the community g upground rese	01/09/2025 aused by invasive val after storms. The result of the storms	for the same LOC; Other sily be LOC; Other ructure failure ment lagoons)
materials spills a 50 Goal 5 – Invasiv weaken and des 5.1 The County on private proper 58 5.2 The County of damaged by wir 59 Goal 6 – Infrastr by hardening ut 6.1 The County of are well maintain	Property Protection we Species: Seneca County stroy trees that cause large will maintain trees and vegenty. Property Protection will work to clear public and events and cause destrute Property Protection ructure Failure: Seneca Coulities and infrastructure to will work to ensure all classined, protect properties will work to ensure all classined, protect properties will work to ensure all classined, protect properties will work to ensure all classined.	Sheriff will lessen the cost of e amounts of debrist getation on public/ju County Engineer of private areas of description of other proper county Engineer unty will lessen dam o meet the needs of sified dams (including thin inundation zone)	o1/09/2020 of plant debris c requiring removerisdiction proper 01/09/2020 ead or diseased terty. 01/09/2020 nages to propert the community g upground rese	01/09/2025 aused by invasive val after storms. The result of the storms	for the same LOC; Other sily be LOC; Other ructure failure ment lagoons)
materials spills a 50 Goal 5 – Invasiv weaken and des 5.1 The County on private proper 58 5.2 The County of damaged by wirk 59 Goal 6 – Infrastriby hardening ut 6.1 The County of are well maintain failure to the poor	Property Protection we Species: Seneca County stroy trees that cause large will maintain trees and vegerty. Property Protection will work to clear public and events and cause destrute Property Protection ructure Failure: Seneca Cotilities and infrastructure twill work to ensure all classified, protect properties with tentially affected communications.	Sheriff will lessen the cost of e amounts of debrist getation on public/ju County Engineer of private areas of description of other proper county Engineer unty will lessen dam o meet the needs of sified dams (including thin inundation zone wity	o1/09/2020 of plant debris c requiring remover reduction proper 01/09/2020 ead or diseased terty. 01/09/2020 nages to propert the community g upground resease, and limit the	01/09/2025 aused by invasive val after storms. The storms of the storms	for the same LOC; Other sily be LOC; Other ructure failure ment lagoons) with dam
materials spills a 50 Goal 5 – Invasiv weaken and des 5.1 The County on private proper 58 5.2 The County of damaged by wirk 59 Goal 6 – Infrastr by hardening ut 6.1 The County of are well maintain failure to the poon	Property Protection we Species: Seneca County stroy trees that cause large will maintain trees and vegenty. Property Protection will work to clear public and events and cause destrue Property Protection ructure Failure: Seneca Coultilities and infrastructure to will work to ensure all classified, protect properties will tentially affected communication.	Sheriff will lessen the cost of e amounts of debrist getation on public/ju County Engineer of private areas of describe describe of other proper county Engineer unty will lessen dam o meet the needs of sified dams (includin thin inundation zone lity EMA Director	o1/09/2020 of plant debris c requiring removerisdiction proper 01/09/2020 ead or diseased terty. 01/09/2020 nages to propert if the community g upground reserves, and limit the 01/09/2020	01/09/2025 aused by invasive val after storms. The result of the storms	for the same LOC; Other sily be LOC; Other ructure failure ment lagoons) with dam LOC
materials spills a 50 Goal 5 – Invasiv weaken and des 5.1 The County on private prope 58 5.2 The County of damaged by wir 59 Goal 6 – Infrastr by hardening ut 6.1 The County of are well maintain failure to the poon 1 6.2 The County of a county	Property Protection we Species: Seneca County stroy trees that cause large will maintain trees and vegerty. Property Protection will work to clear public and events and cause destruted events and cause destruted events and infrastructure to will work to ensure all classified, protect properties with tentially affected communication of the property Protection will ensure that dams have	Sheriff will lessen the cost of e amounts of debriss getation on public/ju County Engineer of private areas of description of other proper county Engineer unty will lessen dam o meet the needs of sified dams (including thin inundation zone sity) EMA Director emergency plans the	o1/09/2020 of plant debris c requiring removerisdiction proper 01/09/2020 ead or diseased terty. 01/09/2020 nages to propert if the community g upground reserves, and limit the 01/09/2020	01/09/2025 aused by invasive val after storms. Ty and advocate 01/09/2025 Trees that will east of the value to infrastres. The voirs and treatres associated value to 1/09/2025	for the same LOC; Other sily be LOC; Other cucture failure ment lagoons) with dam LOC
materials spills a 50 Goal 5 – Invasiv weaken and des 5.1 The County on private prope 58 5.2 The County of damaged by wir 59 Goal 6 – Infrastr by hardening ut 6.1 The County of are well maintain failure to the poon 1 6.2 The County of a county	Property Protection will maintain trees and veg erty. Property Protection will work to clear public and events and cause destru Property Protection ructure Failure: Seneca Co tilities and infrastructure t will work to ensure all class ined, protect properties wi otentially affected commun Property Protection will ensure that dams have ons in the case of a serious	Sheriff will lessen the cost of e amounts of debrist detation on public/ju County Engineer d private areas of detation of other proper county Engineer unty will lessen dam o meet the needs of sified dams (includin thin inundation zone lity EMA Director e emergency plans the failure.	o1/09/2020 of plant debris c requiring remover reduction proper 01/09/2020 ead or diseased to crty. 01/09/2020 hages to propert of the community g upground reserves, and limit the control of the community of	01/09/2025 aused by invasive val after storms. Ty and advocate 01/09/2025 Erees that will east of the value to infrastrative value to infrastrative value to infrastrative value to infrastrative value val	for the same LOC; Other sily be LOC; Other ructure failure ment lagoons) with dam LOC facilitate for
materials spills a 50 Goal 5 – Invasiv weaken and des 5.1 The County on private proper 58 5.2 The County of damaged by wirk 59 Goal 6 – Infrastr by hardening ut 6.1 The County of are well maintain failure to the poor 1 6.2 The County of emergency action 7	Property Protection we Species: Seneca County stroy trees that cause large will maintain trees and vegenty. Property Protection will work to clear public and events and cause destruted events and cause destruted events and infrastructure to will work to ensure all classified, protect properties with the total property Protection eventially affected communication of the case of a serious property Protection will ensure that dams have ons in the case of a serious property Protection	Sheriff will lessen the cost of e amounts of debrist getation on public/ju County Engineer of private areas of describing of other proper county Engineer unty will lessen dam o meet the needs of sified dams (includin thin inundation zone lity EMA Director e emergency plans the failure. EMA Director	o1/09/2020 of plant debris c requiring remover reduction proper 01/09/2020 ead or diseased to eat the community gupground research, and limit the control of the control o	01/09/2025 aused by invasive val after storms. Ty and advocate 01/09/2025 Trees that will east of the value to infrastres. The voirs and treatres associated will east of the value to infrastres associated will east of the value to infrastres and treatres and treatres and treatres and of the value to infrastres associated will east of the value v	for the same LOC; Other sily be LOC; Other ructure failure ment lagoons) with dam LOC facilitate for
materials spills a 50 Goal 5 – Invasiv weaken and des 5.1 The County on private prope 58 5.2 The County of damaged by wir 59 Goal 6 – Infrastr by hardening ut 6.1 The County of are well maintain failure to the pore 1 6.2 The County of emergency action 7 6.3 The County of a county of the county	Property Protection will work to ensure all class ined, protect properties will work to ensure all class ined, protect property Protection will work to ensure all class ined, protect properties will tentially affected community affected community property Protection will ensure that dams have one in the case of a serious will support, facilitate, and	Sheriff will lessen the cost of e amounts of debriss getation on public/ju County Engineer of private areas of description of other proper county Engineer unty will lessen dam o meet the needs of sified dams (including thin inundation zone inty) EMA Director of emergency plans the failure. EMA Director advocate for repair	o1/09/2020 of plant debris c requiring remover resolution proper of the community gupground research and limit the o1/09/2020 of the community gupground research and limit the o1/09/2020 of the community gupground research and limit the o1/09/2020 of the community gupground research and refurbishments of the community gupground research an	01/09/2025 aused by invasive val after storms. Try and advocate 01/09/2025 Trees that will east of the value to infrastre. Try of the value to infrastre.	for the same LOC; Other sily be LOC; Other ructure failure ment lagoons) with dam LOC facilitate for
materials spills a 50 Goal 5 - Invasiv weaken and des 5.1 The County on private proper 58 5.2 The County of damaged by wire 59 Goal 6 - Infrastr by hardening ut 6.1 The County of are well maintain failure to the poor 1 6.2 The County of emergency action 7 6.3 The County of poses a danger of the spills of the county of th	Property Protection will maintain trees and veg erty. Property Protection will work to clear public and events and cause destru Property Protection ructure Failure: Seneca Co tilities and infrastructure to will work to ensure all class ined, protect properties will tentially affected communication of the case of a serious Property Protection will ensure that dams have one in the case of a serious Property Protection will support, facilitate, and to the nearby community of	Sheriff will lessen the cost of e amounts of debrist detation on public/ju County Engineer d private areas of detation of other proper county Engineer unty will lessen dam o meet the needs of sified dams (includin thin inundation zone inty EMA Director emergency plans the failure. EMA Director advocate for repair due to ill repair, dam	o1/09/2020 of plant debris control requiring remover is diction proper is diction proper is diction proper is diseased to proper is the community gupground research, and limit the o1/09/2020 at identify inunciated age, or structural of plant is described age.	01/09/2025 aused by invasive val after storms. Ty and advocate 01/09/2025 Erees that will east of the control	for the same LOC; Other sily be LOC; Other cucture failure ment lagoons) with dam LOC facilitate for LOC eed dam that
materials spills a 50 Goal 5 – Invasiv weaken and des 5.1 The County on private proper 58 5.2 The County of damaged by wir 59 Goal 6 – Infrastr by hardening ut 6.1 The County of are well maintain failure to the pore 1 6.2 The County of emergency action 7 6.3 The County of the cou	Property Protection will work to ensure all class ined, protect properties will work to ensure all class ined, protect property Protection will work to ensure all class ined, protect properties will tentially affected community affected community property Protection will ensure that dams have one in the case of a serious will support, facilitate, and	Sheriff will lessen the cost of e amounts of debriss getation on public/ju County Engineer of private areas of description of other proper county Engineer unty will lessen dam o meet the needs of sified dams (including thin inundation zone inty) EMA Director of emergency plans the failure. EMA Director advocate for repair	o1/09/2020 of plant debris c requiring remover resolution proper of the community gupground research and limit the o1/09/2020 of the community gupground research and limit the o1/09/2020 of the community gupground research and limit the o1/09/2020 of the community gupground research and refurbishments of the community gupground research an	01/09/2025 aused by invasive val after storms. Try and advocate 01/09/2025 Trees that will east of the value to infrastre. Try of the value to infrastre.	for the same LOC; Other sily be LOC; Other ructure failure ment lagoons) with dam LOC facilitate for
materials spills a 50 Goal 5 - Invasiv weaken and des 5.1 The County on private prope 58 5.2 The County of damaged by wire 59 Goal 6 - Infrastr by hardening ut 6.1 The County of are well maintain failure to the poor 1 6.2 The County of emergency action 7 6.3 The County of poses a danger of 6	Property Protection will maintain trees and veg erty. Property Protection will work to clear public and events and cause destru Property Protection ructure Failure: Seneca Co tilities and infrastructure to will work to ensure all class ined, protect properties will tentially affected communication of the case of a serious Property Protection will ensure that dams have one in the case of a serious Property Protection will support, facilitate, and to the nearby community of	Sheriff will lessen the cost of e amounts of debrist getation on public/ju County Engineer d private areas of describing of other proper county Engineer unty will lessen dam o meet the needs of sified dams (including thin inundation zone inty) EMA Director e emergency plans the failure. EMA Director advocate for repair due to ill repair, dam EMA Director	o1/09/2020 of plant debris control requiring remover is diction proper is diction proper is discussed to the community of the	01/09/2025 aused by invasive val after storms. Ty and advocate 01/09/2025 Erees that will east of the control	for the same LOC; Other sily be LOC; Other ructure failure ment lagoons) with dam LOC facilitate for LOC red dam that LOC, PDM, HMGP, Other

Priority	Action Type	Lead	Start Date	End Date	Funding
2	Property Protection	County Engineer	01/09/2020	01/09/2025	ST, LOC, PDM, HMGP, Other
6.5 The County	will repair, replace, widen	or strengthen roads,	bridges, culvert	s, berms and ove	erpasses that
	ed due to drainage and oth				
	ability of the structures, wit I provide stronger structure	-	bust infrastructu	re that will defle	ect
3	Structurally Engineered	County Engineer	01/09/2020	01/09/2025	ST, LOC,
	Project				PDM, HMGP,
					Other
•	will elevate roads, bridges, heavy snowmelt by remov		•	closures during	times of heavy
5	Structurally Engineered	County Engineer	01/09/2020	01/09/2025	ST, LOC,
	Projects				PDM, HMGP,
					Other
6.7 The County	will work with utility provid	ders to harden electr	ical and cellular	service by instal	ling wind-
resistant poles a	and lines, and by providing	generators for pump	· · · · · · · · · · · · · · · · · · ·	stations, and rep	peater towers.
4	Property Protection	County Engineer	01/09/2020	01/09/2025	ST, LOC,
					PDM, HMGP,
					Other
•	will take action to protect t tion as a critical resource in	•	nd surrounding a	rea to ensure th	e landfill's
54	Property Protection	EMA Director	01/09/20201	01/09/2025	LOC, ST,
					Other
	ubsidence: Seneca County including areas with karst		of property dan	nage due to land	l subsidence
•	will support and conduct p	~			ng riverbanks,
51	Natural Resource	County Engineer	01/09/2020	01/09/2025	LOC; Other
31	Protection	Country Engineer	01/03/2020	01/03/2023	200, 0 the
Seneca County tabandoned and	will encourage the develop that interfaces the geologic functioning wells and mine ink holes or other structura	characteristics with es of various types, t	the soil types, a o more accurate	s well as identif	ying
52	Property Protection	County Engineer	01/09/2020	01/09/2025	LOC; ST
	will develop collaborative e				·
accurately deter	rmine risk to groundwater ent contamination of the g	resources in the cou	•		
53	Natural Resource Protection	EMA Director	01/09/2020	01/09/2025	LOC
	Thunderstorm, Tornado, a		•		iges suffered
	will advocate and support				family homes
•	facilities, including mobile			-	•
30	Property Protection	EMA Director	01/09/2020	01/09/2025	PDM; HMGP
- 	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		- , ,	, ,	,

Priority	Action Type	Lead	Start Date	End Date	Funding
8 2 The County	will repair or retrofit public	nroperties with wir	nd-resistant mate	erials (i e metal	roofing
	lecrease damage due to wi				-
38	Property Protection	Chief Building	01/09/2020	01/09/2025	LOC; Other
		Official	,,		
8.3 The County	will develop agreements fo	r emergency shelter	s to be used for	a variety of disa	ster-related
	g severe storms and/or eva				
31	Property Protection	EMA Director	01/09/2020	01/09/2025	LOC; Other
8.4 The County	will research and identify re	esources for afforda	ble debris dispo	sal after storms,	possibly
through creatio	n of special funding to pay	for landfill fees or fir	nding facilities th	nat will receive d	ebris for
reduced rates.					
40	Property Protection	EMA Director	01/09/2020	01/09/2025	LOC
8.5 The County	will establish, maintain, im	prove, and/or promo	ote public warni	ng and notificati	on systems
(reverse 911, or	ot-in systems, outdoor warr	ning sirens, etc.).			
38	Public Information	EMA Director	01/09/2020	01/09/2025	LOC; PDM;
					Other
8.6 The County	will provide community ed	ucation about prote	ctive actions, ev	acuation proced	ures, and
other disaster p	reparedness information.				
31	Public Information	EMA Director	01/09/2020	01/09/2025	LOC
8.7 The County	will advocate for residents	to maintain adequat	te insurance cov	erage (homeowi	ners, renters,
flood, etc.).					
36	Property Protection	EMA Director	01/09/2020	01/09/2025	LOC
8.8 The County	will maintain building regu	lations and land-use	planning practic	ces that encourag	ge responsible
development in	high-risk areas.			1	
35	Property Protection	Chief Building	01/09/2020	01/09/2025	LOC; ICC;
		Official			Other
•	will work to develop a loca		•	•	•
	system with the capability				
39	Public Safety	EMA Director	01/09/2020	01/09/2025	LOC; Other
	y will work to fill gaps in wa	-	on systems by de	eveloping reverse	911
	by enhancing public notific		1	1	T
32	Property Protection	EMA Director	01/09/2020	01/09/2025	LOC; ST; ICC;
					Other
O 11 Tha Caunt					
	y will advocate and support	t the hardening of ut	ilities (distributi	on lines, generat	ing plants,
and other syste	m components).	_		_	- ·
and other syste 33	m components). Property Protection	County Engineer	01/09/2020	01/09/2025	Other
33 8.12 The County	m components). Property Protection y will identify alternate/bac	County Engineer	01/09/2020	01/09/2025	Other
and other syste 33 8.12 The Count compromised (g	m components). Property Protection y will identify alternate/bac generators, redundant supp	County Engineer ck-up utility resource pliers, etc.).	01/09/2020 es for use when p	01/09/2025 orimary source is	Other
and other syste 33 8.12 The County compromised (g	m components). Property Protection y will identify alternate/bac generators, redundant supp Property Protection	County Engineer ck-up utility resource pliers, etc.). EMA Director	01/09/2020 es for use when p 01/09/2020	01/09/2025 orimary source is 01/09/2025	Other Other
and other syste 33 8.12 The County compromised (g 34 Goal 9 – Water	m components). Property Protection y will identify alternate/bac generators, redundant supp Property Protection Quality; Seneca County wi	County Engineer ck-up utility resource oliers, etc.). EMA Director ill work to improve t	01/09/2020 es for use when p 01/09/2020 the safety of the	01/09/2025 orimary source is 01/09/2025 water supply w	Other Other
and other syste 33 8.12 The County compromised (g 34 Goal 9 – Water sourced from p	m components). Property Protection y will identify alternate/bac generators, redundant supp Property Protection Quality; Seneca County wi rivate wells or public or pr	County Engineer ck-up utility resource pliers, etc.). EMA Director ill work to improve t ivately-owned wate	01/09/2020 es for use when p 01/09/2020 the safety of the er treatment sys	01/09/2025 orimary source is 01/09/2025 water supply w tems.	Other Other hether it is
and other syste 33 8.12 The County compromised (g 34 Goal 9 – Water sourced from p 9.1 The County	m components). Property Protection y will identify alternate/bac generators, redundant supp Property Protection Quality; Seneca County wi rivate wells or public or pr will advocate for improvem	County Engineer ck-up utility resource pliers, etc.). EMA Director ill work to improve t ivately-owned wate nents to water treatr	01/09/2020 es for use when p 01/09/2020 the safety of the er treatment sys	01/09/2025 orimary source is 01/09/2025 water supply w tems.	Other Other hether it is
and other syste 33 8.12 The County compromised (g 34 Goal 9 – Water sourced from p 9.1 The County monitoring and	Property Protection y will identify alternate/bac generators, redundant supp Property Protection Quality; Seneca County wi rivate wells or public or pr will advocate for improvem	County Engineer ck-up utility resource cliers, etc.). EMA Director ill work to improve t ivately-owned wate nents to water treate	01/09/2020 es for use when p 01/09/2020 the safety of the er treatment systement plants, incl	01/09/2025 orimary source is 01/09/2025 e water supply waters. uding enhanced	Other Other hether it is testing and
and other syste 33 8.12 The County compromised (g 34 Goal 9 – Water sourced from p 9.1 The County	m components). Property Protection y will identify alternate/bac generators, redundant supp Property Protection Quality; Seneca County wi rivate wells or public or pr will advocate for improvem	County Engineer ck-up utility resource pliers, etc.). EMA Director ill work to improve t ivately-owned wate nents to water treatr	01/09/2020 es for use when p 01/09/2020 the safety of the er treatment sys	01/09/2025 orimary source is 01/09/2025 water supply w tems.	Other Other hether it is

Priority	Action Type	Lead	Start Date	End Date	Funding		
9.2 The County	will work for early and pro-	active collaboration	between jurisdi	ctions regarding	spills or leaks		
into the water supply through seepage into wells, aquifers, reservoirs or waterways that will eventually							
affect local water	er quality.				-		
55	Natural Resource	Public Health	01/09/2020	01/09/2025	LOC; COG		
	Protection	Commissioner					
9.3 The County v	will advocate for and suppo	ort the implementat	ion of regulation	s and supportive	e programs		
that help farmer	rs manage manure and was	ste from concentrate	ed animal feedin	g facilities in the	interest of		
protecting the g	roundwater and waterway	s from contamination	n.				
56	Natural Resource	Soil & Water	01/09/2020	01/09/2025	LOC; Other		
	Protection	Conservation					
		Director					
9.4 The County v	will support the implement	tation of measures to	o manage distre	ssed watersheds	in the county		
and advocate fo	r support programs to help	farmers implement	these regulatio	ns and measures	s while		
maintaining the	agricultural economic well	-being.					
57	Natural Resource	Soil & Water	01/09/2020	01/09/2025	LOC; Other		
	Protection	Conservation					
		Director					
Goal 10 – Winte	er Storms: Seneca County v	will lessen damages	suffered from se	evere winter sto	rms and		
blizzards.							
10.1 The County	will work to plow and clea	ar county-maintained	d roadways to fa	cilitate emergen	cy traffic,		
necessary travel	, and business access.						
45	Property Protection	County Engineer	01/09/2020	01/09/2025	LOC		
10.2 The County	will develop collaborative	efforts with environ	mental and wat	er quality advoc	ates to more		
accurately deter	mine risk to groundwater	resources in the cou	nty and work to	gether to adequa	ately and		
effectively preve	ent contamination of the g	roundwater through	snow removal a	ind salting of icy	roads.		
46	Natural Resource	Public Health	01/09/2020	01/09/2025	LOC		
	Protection	Commissioner					

3.3.2 Attica

For Attica, mitigation strategies will be monitored and championed by the village administrator, who will work with elected officials to identify mitigation opportunities and implement strategies. The majority of mitigation actions will be funded through local budgets. When possible, state and federal grants will be sought to help fund these efforts.

Table 3-3: Attica Mitigation Strategies

Driority		Lead	Start Date	End Data	Funding
Priority	Action Type			End Date	Funding
extreme heat.	ht/Extreme Heat: Attica wi	ii assess the reliabili	ity of water sup	plies during aro	ugnit and
	will advocate and support o	lovelenment of alter	rnata cources of	water and prote	ection of the
	ent plants and distribution				ction of the
					100
27	Natural Resource	Village	01/09/2020	01/08/2025	LOC
C12 F	Protection	Administrator			f-4
	uake: Attica will assess dar	nage potential from	eartnquakes ar	id establish a sa	tety plan for
residents.		1: 6			
_	will identify the structures a		iat would likely b	be damaged or d	estroyed in ar
•	moderate to severe magnitu		0.1001000	0.1/00/000	
28	Property Protection	Village	01/09/2020	01/08/2025	LOC
		Administrator			
	Attica will work to reduce	flooding and limit lo	oss of life or inju	iry and property	damage
caused by flood					
•	will require construction of		•	·	•
dams, levees, d	ikes, floodwalls, etc.) to pre		·		ı
17	Structurally Engineered	Village	01/09/2020	01/08/2025	LOC; PDM
	Project	Administrator			
3.2 The Village	will acquire, demolish, and,	or retrofit flood-pro	ne structures.		
11	Prevention	Village	01/09/2020	01/08/2025	PDM; SRL;
		Administrator			FMA; HMGF
3.3 The Village	will clear debris, fallen tree	s, excess sediment, a	and other obstru	ictions from wat	erways to
improve flow.					
12	Property Protection	Village	01/09/2020	01/08/2025	LOC
		Administrator			
3.4 The Village	will utilize natural habitat c	reation and/or use o	of vegetative buf	fers inside water	rways to slow
the rapid flow o	of floodwater and/or hold e	xcess storm water.			
13	Natural Resource	Village	01/09/2020	01/08/2025	LOC
	Protection	Administrator			
3.5 The Village	will repair, replace and add	storm and sanitary	sewers, streets,	berms, and othe	r structures
that will help co	ontrol flash flooding, allow f	for more rapid drain	age of streets, a	nd protect prope	erties by
directing water	away from structures.				
14	Prevention	Village	01/09/2020	01/08/2025	LOC
		Administrator	,		
3.6 The Village	will maintain participation i		n floodplain mar	nagement activit	ies to suppor
flood preventio	•	5 5-	•	_	
15	Prevention	Village	01/09/2020	01/08/2025	LOC
-		Administrator	, ,	, , , , , , , ,	
			1		1

Priority	Action Type	Lead	Start Date	End Date	Funding
3.7 The Village v	vill improve and repair roa	dways and berms da	maged by rapid	runoff and heav	У
precipitation.	·	•			
16	Property Protection	Village	01/09/2020	01/08/2025	LOC
	, ,	Administrator			
Goal 4 – Hazard	ous Materials Incident: At	tica will work to less	sen both the nu	mber of spills, le	aks, and
	azardous materials source			•	
	vill advocate for funding fo				
_	nighway hazardous materia		•	_	
24	Public Safety	Village	01/09/2020	01/08/2025	LOC; Other
	,	Administrator			,
4.2 The Village v	vill identify ways to protect	Honey Creek on the	e south side of tl	he village from c	ontamination
	idents on State Route 4, ei	•		_	
23	Natural Resource	Village	01/09/2020	01/08/2025	LOC: PDM;
	Protection	Administrator			HMGP
Goal 5 – Infrasti	ructure Failure: Attica will	work to identify me	ans and method	ds to improve th	e capacity of
	o improve drainage throug	•		•	•
	the flow of water away fr	•			
•	vill develop a storm sewer	, , ,	o be implement	ed as funding is a	available that
will match storm	nwater management capac	ity to current need	under conditions	of heavy and lo	ng-lasting
	lessen flash flooding and p			,	
18	Structurally Engineered	Village	01/09/2020	01/08/2025	PDM
	Project	Administrator			
5.2 The Village v	vill repair and replace stree	ets, berms, storm ba	sins, and other s	tructures that di	rect the flow
-	rom property and into stor		•		
19	Property Protection	Village	01/09/2020	01/08/2025	PDM
	, ,	Administrator			
5.3 The Village v	vill repair, retrofit, reinford	e or replace the up-	ground reservoi	that collects ray	w water for
-	r plant to treat and distribu				
21	Structurally Engineered	Village	01/09/2020	01/08/2025	LOC, ST,
	Project	Administrator			PDM, HMGP,
					Other
5.4 The Village v	vill improve the water trea	tment plant to dete	ct and identify p	ollutants and alg	al bloom
issues early to a	llow for rapid identification	and treatment of t	hreats to the wa	ter supply for th	e village.
20	Natural Resource	Village	01/09/2020	01/08/2025	LOC, ST,
	Protection	Administrator			PDM, HMGP,
					Other
Goal 6 – Invasiv	e Species: Attica will lesse	n the cost of plant o	lebris caused by	invasive species	s that weaken
	es that cause large amoun	•	•	•	
6.1 The Village v	vill maintain trees and vege	etation on public/jur	isdiction proper	ty and advocate	for the same
on private prope					
25	Property Protection	Village	01/09/2020	01/08/2025	LOC
		Administrator			
Goal 7 – Severe	Thunderstorm, Tornado, a	and Windstorm: Att	ica will lessen th	ne damages suff	ered from
	severe thunderstorms, incl			~	

Priority	Action Type	Lead	Start Date	End Date	Funding
•	will advocate and support t	he construction of s	afe rooms for sir	ngle- and multi-f	
_	facilities, including mobile			_	
gathering facilit	ties.				
1	Property Protection	Village	01/09/2020	01/08/2025	PDM; Other
		Administrator			
7.2 The Village	will develop agreements fo	r emergency shelter	s to be used for	a variety of disas	ster-related
purposes durin	g severe storms and/or eva	cuations including d	omiciliary faciliti	es.	
2	Property Protection	Village	01/09/2020	01/08/2025	LOC
		Administrator			
7.3 The Village	will research and identify re	sources for affordal	ble debris dispos	al after storms,	possibly
_	on of special funding to pay		•		•
reduced rates.			_		
3	Property Protection	Village	01/09/2020	01/08/2025	LOC; Other
		Administrator			
7.4 The Village	will maintain, improve, and	or promote public	warning and not	ification systems	(reverse 911,
	outdoor warning sirens, et		_		
10	Public Information	Village	01/09/2020	01/08/2025	LOC; PDM;
		Administrator			Other
7.5 The Village	will provide community edu	ucation about protec	ctive actions, eva	cuation procedu	ires, and
	oreparedness information, i				
	ants and racetrack patrons		3		
5	Public Information	Village	01/09/2020	01/08/2025	LOC
		Administrator			
7.6 The Village	will maintain building regul	ations and land-use	planning practic	es that encourage	ge responsible
_	n high-risk areas.				,
9	Property Protection	Village	01/09/2020	01/08/2025	LOC; Other
		Administrator			
7.7 The Village	will work to develop a local	, affordable and fun	ctional county-w	ide public safety	/
communication	system with the capability	for multi-discipline	and multi-jurisdi	ctional commun	ication.
6	Public Safety	Village	01/09/2020	01/08/2025	LOC; Other
		Administrator			
7.8 The Village	will work to fill gaps in warr	ning and notification	systems by add	ing outdoor war	ning sirens,
developing reve	erse 911 capabilities, and by	y enhancing public n	otification proce	esses to include s	system access
for out-of-town	guests and visitors.				
4	Public Information	Village	01/09/2020	01/08/2025	LOC; Other
		Administrator			
7.9 The Village	will advocate and support t	he hardening of util	ities (distributior	ı lines, generatir	ng plants, and
other system co	omponents).				
7	Prevention	Village	01/09/2020	01/08/2025	Other
		Administrator			
7.10 The Village	will identify alternate/bac	k-up utility resource	s for use when p	rimary source is	compromised
_	dundant suppliers, etc.).		·	-	-
8	Property Protection	Village	01/09/2020	01/08/2025	LOC; PDM;
		Administrator			HMGP;
					Other
		_			

Priority	Action Type	Lead	Start Date	End Date	Funding			
Goal 8 – Water Quality: Attica will work to improve the safety of the water supply whether it is sourced								
from private we	from private wells or public or privately-owned water treatment systems.							
8.1 The Village w	vill advocate for financial a	nd technical resourc	es that affordab	ly help small cor	nmunities			
improve testing	capabilities, provide for im	proved source wate	r protection mea	asures, and prov	ide			
equipment to m	ore adequately secure rese	ervoirs and water tai	nks.					
22	Natural Resource	Village	01/09/2020	01/08/2025	LOC			
	Protection	Administrator						
Goal 9 – Winter	Storms: Attica will lessen	damages suffered for	rom severe wint	er storms and b	lizzards.			
9.1 The Village w	vill work to plow and clear	village-maintained r	oadways to facil	itate emergency	traffic,			
necessary travel	, and business access.							
26	Property Protection	Village	01/09/2020	01/08/2025	LOC			
		Administrator						

3.3.3 Bettsville

In Bettsville, the Village Administrator will monitor mitigation strategies and collaborate with other village officials to identify mitigation opportunities and implement strategies. The majority of mitigation actions will be funded through local budgets. When possible, state and federal grants will be sought to help fund these efforts.

Table 3-4: Bettsville Mitigation Strategies

		Dettsville iviitigat					
Priority	Action Type	Lead	Start Date	End Date	Funding		
Goal 1 – Drought/Extreme Heat: Bettsville will assess the reliability of water supplies during drought and							
extreme heat.							
1.1 The Village v	vill advocate and support t	he hardening of wat	er supply infrast	ructure to includ	de alternate		
sources of water and protection of treatment plants and distribution systems.							
34	Natural Resource	Village	01/09/2020	01/09/2025	LOC		
	Protection	Administrator					
Goal 2 - Earthqu	ake: Bettsville will assess	damage potential fi	om earthquake	s and establish a	a safety plan		
for residents.		• .	·		, ,		
2.1 The Village v	vill identify the structures a	and infrastructure th	at would likely b	e damaged or d	estroyed in an		
_	noderate to severe magnitu		,	J	•		
37	Property Protection	Village	01/09/2020	01/09/2025	LOC		
	' '	Administrator	, ,	, ,			
Goal 3 – Flood:	Bettsville will work to redu		it loss of life or	iniury and prope	erty damage		
caused by flood				, , , , , , , , , , , , , , , , , , ,			
•	vill require construction of	water control struct	ures (reservoirs	retention/dete	ntion ponds.		
~	kes, floodwalls, etc.) to pre			, ,	,		
11	Structurally Engineered	Village	01/09/2020	01/09/2025	LOC; PDM;		
	Projects	Administrator	0 = 7 0 5 7 = 0 = 0	02,00,2020	CDBG; Other		
3.2 The Village v	vill work to identify areas v		ooding, and will	identify method	•		
_	lifted pavement, tree dam		-	•	•		
_	ate homes, public property	-			o.aag tat		
9	Structurally Engineered	Village	01/09/2020	01/09/2025	LOC; CDBG;		
	Projects	Administrator	01,03,2020	01,03,2023	PDM; HMGP		
3.3 The Village v	vill acquire, demolish, and/		ne structures				
10	Prevention	Village	01/09/2020	01/09/2025	LOC; PDM;		
10	1 revention	Administrator	01/03/2020	01,03,2023	SRL; FMA;		
		Administrator			Other		
3.4 The Village v	ı vill consider channel divers	ion or modification	l (deenening or w	l idening) to re-ro			
_	y and reduce flooding.	ion of mounication	(accpering or w	idening, to re re	ate water or		
1	Structurally Engineered	Village	01/09/2020	01/09/2025	LOC; CDBG;		
_	Project	Administrator	01/03/2020	01/03/2023	PDM; Other		
3.5 The Village v	vill clear debris, fallen trees		and other obstru	Ictions from wat			
improve flow.	viii cicai acorio, ianen trec.	s, excess seamment, t	and other obstru	ictions nom wat	ci ways to		
2	Property Protection	Village	01/09/2020	01/09/2025	LOC; Other		
	1 Toperty Trotection	Administrator	31,03,2020	01,00,2020	200, 001101		
3.6 The Village v	<u>l</u> vill utilize natural habitat c		l of vegetative buf	l fars inside water	rways to slow		
_	f floodwater and/or hold e		n vegetative but	icis iliside water	ways to slow		
the rapid flow 0	i noodwater and/or noid e	ACC33 SCOTTT WATEL.					

Priority	Action Type	Lead	Start Date	End Date	Funding
3	Natural Resource	Village	01/09/2020	01/09/2025	LOC; Other
	Protection	Administrator	, ,	, ,	,
3.7 The Village v	vill maintain and enforce fl	oodplain, zoning, an	d building regula	ations to manage	5
	flood-prone areas.				
5	Prevention	Village	01/09/2020	01/09/2025	LOC; ICC;
		Administrator			Other
3.8 The Village w	vill maintain participation i	n NFIP and engage i	n floodplain mar	nagement activit	ies to support
flood prevention				T	
4	Property Protection	Village	01/09/2020	01/09/2025	LOC
		Administrator			
	vill conduct a public aware				
12	Public Education	Village	01/09/2020	01/09/2025	LOC
		Administrator			<u> </u>
_	will maintain, repair, upgra		storm sewers an	id related systen	ns and
	sizes and bridge spans to i		01/00/2020	01/00/2025	LOC. CDDC:
6	Structurally Engineered Project	Village Administrator	01/09/2020	01/09/2025	LOC; CDBG; Other
2 11 The Village	will improve and repair str		agged by rapid r	unoff and hoavy	
7	Property Protection	Village	01/09/2020	01/09/2025	LOC; Other
,	Froperty Frotection	Administrator	01/03/2020	01/03/2023	LOC, Other
3 12 The Village	will identify and implemer		l t dehris in runoff	<u>l</u> f water hefore it	clogs ditches
	s, and other waterways.	it methods to conce	t debris in ranon	water before it	ciogo diceries,
8	Natural Resource	Village	01/09/2020	01/09/2025	LOC
	Protection	Administrator	, ,	, ,	
Goal 4 – Hazard	ous Materials Incident: Be	ttsville will work to	lessen both the	number of spill	s, leaks, and
	azardous materials source				
4.1 The Village w	vill advocate for funding fo	r and conduct of add	ditional first resp	onder training t	o prepare
responders for h	nighway hazardous materia	ls incidents and pipe	eline and rail inc	idents.	.
31	Public Safety	Fire Chief	01/09/2020	01/09/2025	LOC; ST;
					Other
	vill ensure that signage and	_			
	village that could likely inc			1	ı
32	Property Protection	Fire Chief	01/03/2020	01/09/2025	LOC
	ructure Failure: Bettsville v	•	ind improve infr	astructure to en	hance
	orm damages and flooding		2260 224 524	damaga ta!-	ararous d
_	vill monitor and investigate poles, and utility regulators	_	_	_	-
13	Property Protection	Village	01/09/2020	01/09/2025	LOC, Other
13	rioperty riotection	Administrator	01/05/2020	01/03/2023	Loc, other
5 2 Rettsville wil	l Il repair, replace, reinforce		l rground utilities	rnads sidewall	L s and other
	nts like treatment plants a	_	_		
•	ruck traffic on streets, or s		• • • • • • • • • • • • • • • • • • • •	·	, = 3 0.00 00
14	Structurally Engineered	Village	01/09/2020	01/09/2025	LOC, ST,
	Projects	Administrator			PDM, Other
Goal 6 – Invasiv	e Species: Bettsville will le		nt debris caused	by invasive spe	
	stroy trees that cause large	•		•	

	Action Type	Lead	Start Date	End Date	Funding
6.1 The Village v	vill maintain trees and vege	etation on public/jur	isdiction proper	ty and advocate	for the same
on private prope	erty.				
35	Property Protection	Village	01/09/2020	01/09/2025	LOC
		Administrator			
6.2 The Village v	vill work to clear public and	d private areas of de	ad or diseased to	rees that will eas	sily be
damaged by wir	nd events and cause destru	ction of other prope	rty.		
36	Property Protection	Village	01/09/2020	01/09/2025	LOC
		Administrator			
Goal 7 – Land Su	ubsidence: Bettsville will re	educe the risk of pro	operty damage o	due to land subs	idence in at-
risk areas.					
7.1 The Village v	vill encourage the develop	ment of more specif	ic and accurate i	mapping of karst	areas in
Seneca County t	hat interfaces the geologic	characteristics with	the soil types, a	is well as identify	ying
abandoned and	functioning wells and mine	es of various types, t	o more accurate	ly identify karst	locations and
predict where si	nk holes or other structura	l problems are likely	to occur.		
17	Property Protection	Village	01/09/2020	01/09/2025	LOC; Othe
		Administrator			
7.2 The Village v	vill develop collaborative e	fforts with environm	nental and water	r quality advocat	es to more
accurately deter	rmine risk to groundwater i	resources due to nea	arby quarrying o	perations, and w	ork together
to adequately a	nd effectively prevent cont	amination of the gro	oundwater.		
16	Natural Resource	Village	01/09/2020	01/09/2025	LOC; Othe
	Protection	Administrator			
7.3 The Village v	vill continually assess villag	ge infrastructure for	damage from qu	arry blasting to	identify and
repair foundatio	on damage, damage to stre	ets, bridges and culv	erts, stress and	strain on pipes a	ind lines
below the grour	nd, and detected damage to	o foundations, struct	tures, and other	infrastructure.	
15	Property Protection	Village	01/09/2020	01/09/2025	LOC; Othe
		Administrator			
Goal 8 – Severe	Thunderstorm, Tornado, a	and Windstorm: Bet	tsville will lesse	n the damages s	uffered fron
			ind hail and lic		
windstorms or s	severe thunderstorms, incl	luding heavy rain, w	illu, Ilali, allu ilg	htning.	
	severe thunderstorms, incl will advocate and support t				
8.1 The Village v		he construction of sa	afe rooms for sir	ngle- and multi-fa	amily homes
8.1 The Village v	vill advocate and support t	he construction of sa	afe rooms for sir	ngle- and multi-fa	amily homes
8.1 The Village v and congregate	vill advocate and support t facilities, including mobile	he construction of sa home parks, apartm	afe rooms for sir nent complexes,	ngle- and multi-fa and mass gather	amily homes
8.1 The Village v and congregate 20	vill advocate and support t facilities, including mobile	he construction of sa home parks, apartm Village Administrator	afe rooms for sinent complexes, 01/09/2020	ngle- and multi-fa and mass gather 01/09/2025	amily homes ring facilities. LOC; PDM
8.1 The Village v and congregate 20 8.2 The Village v	vill advocate and support t facilities, including mobile Property Protection	he construction of sa home parks, apartm Village Administrator r emergency shelters	afe rooms for sinent complexes, 01/09/2020	ngle- and multi-fa and mass gather 01/09/2025	amily homes ring facilities. LOC; PDM
8.1 The Village v and congregate 20 8.2 The Village v	vill advocate and support t facilities, including mobile Property Protection vill develop agreements for	he construction of sa home parks, apartm Village Administrator r emergency shelters	afe rooms for sinent complexes, 01/09/2020	ngle- and multi-fa and mass gather 01/09/2025	amily homes ring facilities. LOC; PDM ster-related
8.1 The Village vand congregate 20 8.2 The Village valurposes during	vill advocate and support t facilities, including mobile Property Protection vill develop agreements for severe storms and/or eva	he construction of sa home parks, apartm Village Administrator r emergency shelters cuations.	afe rooms for sinent complexes, 01/09/2020 s to be used for	ngle- and multi-fa and mass gather 01/09/2025 a variety of disas	amily homes ring facilities. LOC; PDM ster-related
8.1 The Village vand congregate 20 8.2 The Village value val	vill advocate and support t facilities, including mobile Property Protection vill develop agreements for severe storms and/or eva	he construction of sa home parks, apartm Village Administrator r emergency shelters cuations. Village Administrator	afe rooms for sinent complexes, 01/09/2020 s to be used for a 01/09/2020	ngle- and multi-fa and mass gather 01/09/2025 a variety of disas 01/09/2025	amily homes ring facilities. LOC; PDM ster-related LOC; Othe
8.1 The Village vand congregate 20 8.2 The Village value of the value of the village value of	will advocate and support t facilities, including mobile Property Protection will develop agreements for severe storms and/or evaluation Property Protection	he construction of sa home parks, apartm Village Administrator r emergency shelters cuations. Village Administrator	afe rooms for sinent complexes, 01/09/2020 s to be used for a 01/09/2020 ole debris dispos	ngle- and multi-fa and mass gather 01/09/2025 a variety of disas 01/09/2025	amily homes ring facilities. LOC; PDM ster-related LOC; Othe
8.1 The Village vand congregate 20 8.2 The Village value of the value of the village value of	will advocate and support t facilities, including mobile Property Protection will develop agreements for severe storms and/or eval Property Protection will research and identify re-	he construction of sa home parks, apartm Village Administrator r emergency shelters cuations. Village Administrator	afe rooms for sinent complexes, 01/09/2020 s to be used for a 01/09/2020 ole debris dispos	ngle- and multi-fa and mass gather 01/09/2025 a variety of disas 01/09/2025	amily homes ring facilities. LOC; PDM ster-related LOC; Othe
8.1 The Village vand congregate 20 8.2 The Village value value 21 8.3 The Village value va	will advocate and support t facilities, including mobile Property Protection will develop agreements for severe storms and/or eval Property Protection will research and identify re-	he construction of sa home parks, apartm Village Administrator r emergency shelters cuations. Village Administrator	afe rooms for sinent complexes, 01/09/2020 s to be used for a 01/09/2020 ole debris dispos	ngle- and multi-fa and mass gather 01/09/2025 a variety of disas 01/09/2025	amily homes ring facilities. LOC; PDM ster-related LOC; Othe
8.1 The Village vand congregate 20 8.2 The Village value val	will advocate and support t facilities, including mobile Property Protection will develop agreements for severe storms and/or eval Property Protection will research and identify renotes of special funding to pay	he construction of sa home parks, apartm Village Administrator r emergency shelters cuations. Village Administrator esources for affordate for landfill fees or fir	afe rooms for sinent complexes, 01/09/2020 s to be used for a 01/09/2020 ole debris disposending facilities the	ngle- and multi-fa and mass gather 01/09/2025 a variety of disas 01/09/2025 cal after storms, nat will receive d	amily homes ring facilities. LOC; PDM ster-related LOC; Othe possibly ebris for
8.1 The Village vand congregate 20 8.2 The Village value val	will advocate and support t facilities, including mobile Property Protection will develop agreements for severe storms and/or eval Property Protection will research and identify ren of special funding to pay Property Protection	he construction of sa home parks, apartm Village Administrator r emergency shelters cuations. Village Administrator esources for affordate for landfill fees or fir Village Administrator	afe rooms for sinent complexes, 01/09/2020 s to be used for a 01/09/2020 ple debris disposed in a complexe the complexes of t	ngle- and multi-fa and mass gather 01/09/2025 a variety of disas 01/09/2025 al after storms, nat will receive d	LOC; Othe
8.1 The Village vand congregate 20 8.2 The Village value of the Village	will advocate and support to facilities, including mobile Property Protection will develop agreements for severe storms and/or evaluation Property Protection will research and identify remost special funding to pay a property Protection Property Protection will establish, maintain, imposite the property protection will establish, maintain, imposite the property protection	he construction of sa home parks, apartm Village Administrator r emergency shelters cuations. Village Administrator esources for affordate for landfill fees or fire village Administrator or cove, and/or promo	afe rooms for sinent complexes, 01/09/2020 s to be used for a 01/09/2020 ple debris disposed in a complexe the complexes of t	ngle- and multi-fa and mass gather 01/09/2025 a variety of disas 01/09/2025 al after storms, nat will receive d	LOC; Othe
8.1 The Village vand congregate 20 8.2 The Village value val	will advocate and support t facilities, including mobile Property Protection will develop agreements for severe storms and/or eval Property Protection will research and identify ren of special funding to pay Property Protection	he construction of sa home parks, apartm Village Administrator r emergency shelters cuations. Village Administrator esources for affordate for landfill fees or fire village Administrator or cove, and/or promo	afe rooms for sinent complexes, 01/09/2020 s to be used for a 01/09/2020 ple debris disposed in a complexe the complexes of t	ngle- and multi-fa and mass gather 01/09/2025 a variety of disas 01/09/2025 al after storms, nat will receive d	LOC; Othe

Priority	Action Type	Lead	Start Date	End Date	Funding
8.5 The Village v	will provide community edu	ucation about proted	ctive actions, eva	cuation procedu	ires, and
other disaster p	reparedness information.				
29	Property Protection	Village	01/09/2020	01/09/2025	LOC
		Administrator			
8.6 The Village v	will advocate for residents t	to maintain adequat	e insurance cove	erage (homeown	ers, renters,
flood, etc.).					
23	Property Protection	Village	01/09/2020	01/09/2025	Other
		Administrator			
8.7 The Village v	will maintain building regul	ations and land-use	planning practic	es that encourag	e responsible
development in	high-risk areas.				
28	Prevention	Village	01/09/2020	01/09/2025	LOC
		Administrator			
8.8 The Village v	will work to develop a local	, affordable and fun	ctional county-w	ride public safety	,
communication	system with the capability	for multi-discipline	and multi-jurisdi	ctional commun	ication.
27	Public Safety	Police Chief	01/09/2020	01/09/2025	LOC; ST;
					Other
8.9 The Village v	will work to fill gaps in warr	ning and notification	systems by add	ing outdoor warr	ning sirens,
developing reve	erse 911 capabilities, and by	y enhancing public n	otification proce	esses.	
26	Public Information	Village	01/09/2020	01/09/2025	LOC; ST
		Administrator			
8.10 The Village	will advocate and support	the hardening of uti	ilities (distributio	on lines, generati	ng plants, and
other system co	mponents).				
24	Property Protection	Village	01/09/2020	01/09/2025	ICC; Other
		Administrator			
8.11 The Village	will identify alternate/bac	k-up utility resource	s for use when p	rimary source is	compromised
(generators, red	lundant suppliers, etc.).				
25	Property Protection	Village	01/09/2020	01/09/2025	LOC; ICC;
		Administrator			Other
Goal 9 – Water	Quality: Bettsville will wor	k to improve the sa	fety of the wate	r supply whethe	er it is sourced
from private we	ells or public or privately-o	wned water treatm	ent systems.		
9.1 The Village v	will advocate for improvem	ents to water treatn	nent plants, inclu	uding enhanced t	testing and
monitoring and	improved treatment capab	oilities.			
19	Natural Resource	Village	01/09/2020	01/09/2025	LOC; ST;
	Protection	Administrator			Other
0.0 = 1					la a conseila o
9.2 The Village v	will advocate for additional	research into the ef	tect of quarrying	g operations on t	ne water
•	will advocate for additional g water supplies and aquife			• •	
supply, including		er vulnerability to un	intentional drain	• •	
supply, including	g water supplies and aquife	er vulnerability to un	intentional drain	• •	
supply, including potential damag	g water supplies and aquife ge to distribution lines, and	er vulnerability to un damage to undergr	intentional drain ound tanks.	ning through dril	ling, wells,
supply, including potential damag	g water supplies and aquife ge to distribution lines, and Natural Resource	er vulnerability to un damage to undergr Village Administrator	intentional drain ound tanks. 01/09/2020	oning through dril	ling, wells, LOC; ST; Other
supply, including potential damage 18 Goal 10 – Winter	g water supplies and aquife ge to distribution lines, and Natural Resource Protection	er vulnerability to un damage to undergr Village Administrator ssen damages suffe	intentional drain ound tanks. 01/09/2020 red from severe	01/09/2025 winter storms a	LOC; ST; Other
supply, including potential damage 18 Goal 10 – Winter 10.1 The Village	g water supplies and aquife ge to distribution lines, and Natural Resource Protection er Storms: Bettsville will le	er vulnerability to un damage to undergr Village Administrator ssen damages suffe	intentional drain ound tanks. 01/09/2020 red from severe	01/09/2025 winter storms a	LOC; ST; Other
supply, including potential damage 18 Goal 10 – Winter 10.1 The Village	g water supplies and aquife ge to distribution lines, and Natural Resource Protection er Storms: Bettsville will le will work to plow and clea	er vulnerability to un damage to undergr Village Administrator ssen damages suffe	intentional drain ound tanks. 01/09/2020 red from severe	01/09/2025 winter storms a	LOC; ST; Other

3.3.4 Bloomville

Bloomville mitigation strategies will be monitored by the Mayor. The Mayor, along with village council and other community stakeholders, will identify opportunities to implement appropriate mitigation actions. The majority of mitigation actions will be funded through the village's local budget; state and federal grants will be sought when possible.

Table 3-5: Bloomville Mitigation Strategies

		Bioomville witige			
Priority	Action Type	Lead	Start Date	End Date	Funding
Goal 1 – Droug	ht/Extreme Heat: Bloomvil	le will assess the re	eliability of wate	r supplies during	g drought and
extreme heat.					
1.1 The Village	will advocate and support t	he hardening of wa	iter supply infrast	tructure to inclu	de alternate
sources of wate	er and protection of treatme	ent plants and distr	ibution systems.		
22	Property Protection	Mayor	01/09/2020	01/09/2025	LOC
Goal 2 - Earthq	uake: Bloomville will asses	s damage potentia	l from earthquak	es and establish	a safety plan
for residents.					
2.1 The Village	will identify the structures a	and infrastructure t	hat would likely b	oe damaged or d	lestroyed in an
earthquake of i	moderate to severe magnitu	ude.			
25	Property Protection	Mayor	01/09/2020	01/09/2025	LOC
Goal 3 – Flood:	Bloomville will work to red	duce flooding and	imit loss of life o	r injury and pro	perty damage
caused by floor	ding.				
3.1 The Village	will acquire, demolish, and/	or retrofit flood-pr	one structures.		
16	Prevention	Mayor	01/09/2020	01/09/2025	PDM; HMGF
3.2 The Village	will maintain and enforce fl	oodplain, zoning, a	nd building regul	ations to manag	e
development ir	n flood-prone areas.				
15	Property Protection	Mayor	01/09/2020	01/09/2025	LOC
3.3 The Village	will maintain participation i	n NFIP and engage	in floodplain mar	nagement activit	ies to support
flood prevention	on.			-	
14	Prevention	Mayor	01/09/2020	01/09/2025	LOC
3.4 The Village	will maintain, repair, upgrad	de, and/or replace	storm sewers and	related system	s and increase
	d bridge spans to reduce flo				
18	Structurally Engineered	Mayor	01/09/2020	01/09/2025	LOC; CDBG;
	Project	•			Other
3.5 The Village	will improve and repair road	dways and berms d	amaged by rapid	runoff and heav	'y
precipitation.					
17	Property Protection	Mayor	01/09/2020	01/09/2025	LOC
Goal 4 – Hazard	dous Materials: Bloomville	will decrease the o	lamages and inte	rruptions due to	hazardous
materials spills	and releases.				
4.1 The Village	will advocate for funding fo	r and conduct of a	dditional first resp	onder training t	o prepare
responders for	highway hazardous materia	ıls incidents and pi	peline and rail inc	idents.	
21	Public Safety	Mayor	01/09/2020	01/09/2025	LOC; ST;
					Other
Goal 5 - Infrast	tructure Failure: Bloomville	will protect infras	tructure to preve	ent deterioration	of streets,
sidewalks, and	berms; water treatment ar	nd distribution syst	tems; utilities; an	d communication	ons capital
equipment.					
5.1 The Village	will harden storm drainage	systems through th	ne acquisition of a	additional pump	s and
generators to f	acilitate gravitational draina	age systems after se	evere storms and	heavy precipitat	tion.

Priority	Action Type	Lead	Start Date	End Date	Funding			
1	Property Protection	Mayor	01/09/2020	01/09/2025	PDM: HMGP			
5.2 The Village v	vill work to repair, restore	and replace streets,	berms, and side	walks to facilitat	e rapid and			
effective drainag	ge after heavy precipitation	n and to prevent flas	sh flooding.					
2	Property Protection	Mayor	01/09/2020	01/09/2025	PDM:			
					HMGP: LOC			
5.3 The Village v	5.3 The Village will increase the capacity of gravitational drainage to manage runoff from elevated highways							
that pass throug	h the village, and to preve	nt dumping this run	off onto private	property.				
3	Property Protection	Mayor	01/09/2020	01/09/2025	PDM:			
					HMGP: LOC			
	vill identify infrastructure i				_			
	ipitation, and will act to di							
4	Property Protection	Mayor	01/09/2020	01/09/2025	PDM:			
					HMGP: LOC			
	e Species: Bloomville will							
	stroy trees that cause larg							
_	vill maintain trees and veg	etation on public/jui	risdiction proper	ty and advocate	for the same			
on private prope	Property Protection	Mayor	01/09/2020	01/09/2025	LOC			
	vill work to clear public and	,						
_	nd events and cause destru	•		iees that will eas	sily be			
27	Property Protection	Mayor	01/09/2020	01/09/2025	LOC			
	ubsidence: Bloomville will	<u> </u>			1			
risk areas.	abolaciice: Dioomitiile wiii	reduce the risk of p	Toperty damage	auc to land suc	sidence in de			
	vill advocate for, support,	and implement slope	e protection acti	ons along water	ways and			
_	e areas where natural caus			_				
19	Natural Resource	Mayor	01/09/2020	01/09/2025	LOC; PDM			
	Protection							
7.2 The Village v	vill encourage the develop	ment of more specif	ic and accurate i	mapping of karst	areas in			
· ·	hat interfaces the geologic		• • •	· ·				
	functioning wells and mine			ly identify karst	locations and			
predict where si	nk holes or other structura		<u></u>	T	T			
20	Prevention	•	01/09/2020		LOC			
	Thunderstorm, Tornado,			_	suffered			
	ns or severe thunderstorm							
_	vill advocate and support t			-	•			
	facilities, including mobile		1	_				
5	Property Protection	Mayor	01/09/2020	01/09/2025	PDM; LOC;			
Q 2 The Village v	will remain on networks mublic	nronortios with win	d resistant mate	mials /i a mastal s	HMGP			
~	vill repair or retrofit public e damage due to wind.	properties with win	u-resistant mate	inais (i.e. illetal l	oomig, siding,			
7	Property Protection	Mayor	01/09/2020	01/09/2025	LOC; Other			
	vill develop adequate and	•						
_	ry of disaster-related purpo			_	iciators to be			
6	Property Protection	Mayor	01/09/2020	01/09/2025	LOC			
	1 Toperty Trotection	iviayor	01/03/2020	31/03/2023	100			

Priority	Action Type	Lead	Start Date	End Date	Funding
8.4 The Village v	vill research and identify re	esources for affordat	ole debris dispos	al after storms, ¡	oossibly
through creation	n of special funding to pay	for landfill fees or fir	nding facilities th	at will receive d	ebris for
reduced rates.					
8	Property Protection	Mayor	01/09/2020	01/09/2025	LOC; ICC;
					Other
8.5 The Village v	vill establish, maintain, imp	prove, and/or promo	te public warnin	g and notification	n systems
(reverse 911, op	t-in systems, outdoor warr	ning sirens, etc.).			
11	Public Information	Mayor	01/09/2020	01/09/2025	LOC; ST
8.6 The Village v	vill provide community edu	ucation about proted	tive actions, eva	cuation procedu	ires, and
other disaster pr	reparedness information.				
9	Public Information	Mayor	01/09/2020	01/09/2025	LOC
8.7 The Village w	vill work to fill gaps in warr	ning and notification	systems by addi	ng outdoor war	ning sirens,
developing reve	rse 911 capabilities, and by	y enhancing public n	otification proce	sses.	
12	Public Information	Mayor	01/09/2020	01/09/2025	LOC; ST
8.8 The Village v	vill identify needed alterna	te/back-up utility re	sources and will	acquire the nee	ded
equipment for u	se when primary power is	compromised (gene	rators, pumps, r	edundant conne	ctions, etc.).
10	Property Protection	Mayor	01/09/2020	01/09/2025	LOC; PDM;
					HMGP
	Quality: Bloomville will wo	•	•	* * *	ner it is
·	ivate wells or public or pri	•			
~	vill advocate for improvem		reatment plant,	including enhan	ced testing
	and improved treatment c	ı '	T	T	
23	Natural Resource	Mayor	01/09/2020	01/09/2025	LOC
	Protection				
	vill work for early and pro-		-		•
	upply through seepage into	o wells, aquifers, res	ervoirs or water	ways that will ev	entually
affect local wate		T	T	T	
24	Property Protection	Mayor	01/09/2020	01/09/2025	LOC
	r Storms: Bloomville will I	-			
_	will work to plow and clea	r village-maintained	roadways to fac	ilitate emergeno	y traffic,
•	, and business access.	T	T	T	
13	Property Protection	Mayor	01/09/2020	01/09/2025	LOC

3.3.5 Fostoria

In Fostoria, mitigation strategies will be monitored and championed by the Safety and Service Director. The Director will work with the mayor, council, other community officials to identify mitigation opportunities. The majority of mitigation actions will be funded through local budgets. When possible, state and federal grants will be sought to help fund these efforts.

Table 3-6: Fostoria Mitigation Strategies

		. Fusturia iviitigati			
Priority	Action Type	Lead	Start Date	End Date	Funding
_	nt/Extreme Heat: Fostoria	will assess the relial	bility of water su	upplies during d	rought and
extreme heat.					
	advocate and support the	_		cture to include	alternate
sources of wate	r and protection of treatme		bution systems.		
37	Natural Resources	Safety and	01/09/2020	01/09/2025	LOC; CDBG
	Protection	Service Director			
Goal 2 - Earthqu	ıake: Fostoria will assess d	lamage potential fro	om earthquakes	and establish a	safety plan
for residents.					
2.1 The City will	identify the structures and	d infrastructure in th	e city that would	d likely be dama	ged or
destroyed in an	earthquake of moderate to	o severe magnitude.			
36	Property Protection	City Engineer	01/09/2020	01/09/2025	LOC
Goal 3 – Flood:	Fostoria will work to redu	ce flooding and limit	t loss of life or ir	njury and prope	rty damage
caused by flood	ing.				
3.1 The City will	require construction of wa	ater control structure	es (reservoirs, re	tention/detenti	on ponds,
dams, levees, di	kes, floodwalls, etc.) to pre	event flooding of pro	perties.		
1	Structurally Engineered	City Engineer	01/09/2020	01/09/2025	LOC; PDM;
	Projects				HMGP; FMA
					CDBG; Other
3.2 The City will	elevate structures and infr	rastructure (building	s, roadways, brid	dges, culverts et	c.) to prevent
flooding of stree	ets, underpasses, and bridg	ges/culverts.		_	
2	Property Protection	City Engineer	01/09/2020	01/09/2025	LOC; PDM;
					HMGP; FMA;
					CDBG; Other
3.3 The City will	acquire, demolish, and/or	retrofit flood-prone	structures.		1
3	Prevention	City Engineer	01/09/2020	01/09/2025	PDM; FMA;
		, 3			SRL; HMGP
3.4 The City will	consider channel modifica	tion (deepening or v	videning) to re-r	oute water or in	
capacity and rec		. , ,	0,		
4	Structurally Engineered	City Engineer	01/09/2020	01/09/2025	PDM; FMA;
	Project	, 5	, ,	' '	HMGP; ST;
	,				CDBG; Other
3.5 The City will	clear debris, fallen trees, e	excess sediment, and	other obstructi	ons from water	1
improve flow.	,	, -····			,
5	Property Protection	City Engineer	01/09/2020	01/09/2025	LOC
	work with watershed or co				
•	cilitate cleaning, maintaini	•	•	2.2.2.2.2.2.2.101	
6	Natural Resource	Safety and	01/09/2020	01/09/2025	LOC
3	Protection	Service Director	5 = , 5 5 , 2 5 2 5	0 = , 0 0 , 2 0 2 0	
	1.0000001	Je. Hee Birector	1	1	1

Priority	Action Type	Lead	Start Date	End Date	Funding
3.7 The City will	utilize natural habitat crea	tion and/or use of v	egetative buffer	s inside waterwa	ays to slow the
rapid flow of floo	odwater and/or hold exces	s storm water.			
7	Natural Resource	City Engineer	01/09/2020	01/09/2025	LOC; Other
	Protection				
3.8 The City will	maintain and enforce floo	dplain, zoning, and b	ouilding regulation	ons to manage d	evelopment in
flood-prone area	as.				
8	Prevention	Safety and	01/09/2020	01/09/2025	LOC
		Service Director			
l	maintain participation in N	IFIP and engage in fl	oodplain manag	ement activities	to support
flood prevention	1.	T			
9	Prevention	Safety and	01/09/2020	01/09/2025	LOC
		Service Director			
-	l maintain, repair, upgrade			elated systems a	and increase
	bridge spans, as necessar			T	T
10	Structurally Engineered	City Engineer	01/09/2020	01/09/2025	LOC; ST;
	Projects				CDBG; Other
3.11 The City wil	l improve and repair roads			unoff and heavy	precipitation.
11	Property Protection	City Engineer	01/09/2020	01/09/2025	LOC
	I work with railroads to ide				l bridges,
culverts, and aba	andoned tracks and keep t	hem clear of debris	and abandoned	equipment.	
12	Property Protection	Safety and	01/09/2020	01/09/2025	Other
		Service Director			
-	I identify and implement n	nethods to collect do	ebris in runoff w	ater before it clo	ogs ditches,
streams, culvert	s, and other waterways.	T		1	
13	Property Protection	City Engineer	01/09/2020	01/09/2025	LOC
·	I protect banks and land n	•		•	
	ım bank vegetation, install	-		-	
_	nks and berms, or using de	eflectors to prevent	deterioration, o	r other similar m	ethods to
accomplish the s		T	1	1	T
14	Property Protection	City Engineer	01/09/2020	01/09/2025	LOC; Other
-	I utilize biotechnical metho				_
	vergreen revetments, log				d rocks as
•	nimize the deterioration or				T
15	Natural Resource	City Engineer	01/09/2020	01/09/2025	LOC; Other
	Protection				
	I manage stream flow thro	ough channel, sedim	entation, debris	and obstruction	, and stream
ecology manage		ı	1	1	T
16	Natural Resource	City Engineer	01/09/2020	01/09/2025	LOC; Other
	Protection				
•	l utilize stream bank prote		-	tments, riprap re	evetments,
	nd other structural method			Ι .	T
17	Natural Resource	City Engineer	01/09/2020	01/09/2025	LOC; Other
	Protection				

Priority	Action Type	Lead	Start Date	End Date	Funding
•	ill require developers and/o				
•	al stabilization, compost bla			•	
	ng and sodding of areas hig				-
-	diversion for surface runof	•			-
	nd rapid surface runoff or d			_	
18	Property Protection	Safety and	01/09/2020	01/09/2025	LOC; ICC
10	1 Toperty Trotection	Service Director	01/03/2020	01/03/2023	200,100
2 10 The City w	I ill protect soil quality by ad		ation crop resid	luo managomon	t contour
	in protect son quality by ad intour farming and strip-cro			_	
•	-		•		
	e planting, establishment of				
	ol basins, critical area plant	-	_	-	
_	ement, pest management,				
	odlot management, tree pl	_	of upland wildli	te habitat on far	miand inside,
	near incorporated city prop		0.1001000	0.1001000	
19	Natural Resource	Safety and	01/09/2020	01/09/2025	LOC; Other
	Protection	Service Director			
	ill encourage management			_	
_	rassy waterways, creation o				
	ques like use of catch basin	inserts, sand and oi	rganic filters, raii	n gardens and ve	egetated filter
strips.		T	T	<u> </u>	Ī
20	Natural Resource	City Engineer	01/09/2020	01/09/2025	LOC; ICC;
	Protection				Other
Goal 4 – Hazard	lous Materials Incident: Fo	storia will work to l	essen both the r	number of spills,	leaks, and
	lous Materials Incident: Fo lazardous materials source			•	
releases from h		s, as well as lessen t	he damages fro	m such incident	s.
releases from h 4.1 The City will	azardous materials source	s, as well as lessen t ys and roadways is c	he damages fro	m such incident	s.
releases from h 4.1 The City will	azardous materials source l ensure signage on highwa	s, as well as lessen t ys and roadways is c	he damages fro	m such incident	s.
releases from h 4.1 The City will likelihood of vel	azardous materials source l ensure signage on highwa hicle accidents due to unsu	s, as well as lessen t ys and roadways is c re routes of travel.	he damages fro lear and easy to	m such incident follow to decrea	s. ise the
releases from h 4.1 The City will likelihood of vel 28	azardous materials source l ensure signage on highwa hicle accidents due to unsu	s, as well as lessen to ys and roadways is concerning the routes of travel. Safety and Service Director	the damages fro lear and easy to 01/09/2020	m such incident follow to decrea 01/09/2025	sse the LOC; Other
releases from h 4.1 The City will likelihood of vel 28 4.2 The City will	lazardous materials source I ensure signage on highwarhicle accidents due to unsu Property Protection	s, as well as lessen to ys and roadways is control re routes of travel. Safety and Service Director and conduct of additi	the damages from lear and easy to 01/09/2020 onal first response	m such incident follow to decrea 01/09/2025 der training to p	sse the LOC; Other
releases from h 4.1 The City will likelihood of vel 28 4.2 The City will	l advocate for funding for a	s, as well as lessen to ys and roadways is control re routes of travel. Safety and Service Director and conduct of additi	the damages from lear and easy to 01/09/2020 onal first response	m such incident follow to decrea 01/09/2025 der training to p	sse the LOC; Other
releases from h 4.1 The City will likelihood of vel 28 4.2 The City will responders for	l ensure signage on highwarhicle accidents due to unsure Property Protection I advocate for funding for a highway hazardous materia	s, as well as lessen to ys and roadways is concerned fravel. Safety and Service Director and conduct of additionals incidents and pipeling services.	the damages from lear and easy to 01/09/2020 onal first responseline and rail inc	m such incident follow to decrea 01/09/2025 der training to p idents.	se the LOC; Other repare
releases from h 4.1 The City will likelihood of vel 28 4.2 The City will responders for 29	Property Protection Advocate for funding for a highway hazardous materials source Property Protection Property Protection Property Protection	s, as well as lessen to ys and roadways is concerned fravel. Safety and Service Director and conduct of additionals incidents and pipe Fire Chief	che damages fro lear and easy to 01/09/2020 onal first respon eline and rail inc 01/09/2020	m such incident follow to decrea 01/09/2025 der training to p idents. 01/09/2025	LOC; Other LOC; ST; Other
releases from h 4.1 The City will likelihood of vel 28 4.2 The City will responders for 29 4.3 The City will	Property Protection Advocate for funding for a highway hazardous material Property Protection Advocate for funding for a highway hazardous material Property Protection Collaborate with entities the	s, as well as lessen to ys and roadways is concerned fravel. Safety and Service Director and conduct of additionals incidents and pipe Fire Chief	che damages fro lear and easy to 01/09/2020 onal first respon eline and rail inc 01/09/2020	m such incident follow to decrea 01/09/2025 der training to p idents. 01/09/2025	LOC; Other LOC; ST; Other
releases from h 4.1 The City will likelihood of vel 28 4.2 The City will responders for 29 4.3 The City will	l ensure signage on highwarhicle accidents due to unsure Property Protection I advocate for funding for a highway hazardous material Property Protection I collaborate with entities the first responder training.	s, as well as lessen to ys and roadways is concerned fravel. Safety and Service Director and conduct of additionals incidents and pipe Fire Chief	che damages fro lear and easy to 01/09/2020 onal first responeline and rail inc 01/09/2020 dous substances	m such incident follow to decrease 01/09/2025 der training to pidents. 01/09/2025 to communities	sse the LOC; Other repare LOC; ST; Other through
4.1 The City will likelihood of velues 28 4.2 The City will responders for 29 4.3 The City will development of 30	Property Protection I collaborate with entities the first responder training. Property Protection Property Protection I advocate for funding for a highway hazardous material property Protection I collaborate with entities the first responder training. Property Protection	s, as well as lessen to ys and roadways is concerned to re routes of travel. Safety and Service Director and conduct of additionals incidents and piper of the fire Chief that bring new hazard. Fire Chief	onal first responeline and rail inc 01/09/2020 onal solution of the solution	m such incident follow to decrease of the follow to decrease of the following to providents. O1/09/2025 to communities of 1/09/2025	s. ase the LOC; Other repare LOC; ST; Other through LOC; Other
4.1 The City will likelihood of vel 28 4.2 The City will responders for 29 4.3 The City will development of 30 Goal 5 Infrastru	Property Protection I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. Property Protection Property Protection	s, as well as lessen to ys and roadways is concerned to safety and service Director and conduct of additionals incidents and pipe of the safety and service Chief service Chief service Chief service Chief service Chief service, and service chief services and services and services se	che damages from lear and easy to consider and easy to consider and rail incompletine an	m such incident follow to decrea 01/09/2025 der training to p idents. 01/09/2025 to communities 01/09/2025 tructure to lesse	LOC; Other LOC; ST; Other through LOC; Other
4.1 The City will likelihood of velus 28 4.2 The City will responders for 29 4.3 The City will development of 30 Goal 5 Infrastru vulnerability to	Property Protection I collaborate with entities the first responder training. Property Protection Property Protection I advocate for funding for a highway hazardous material property Protection I collaborate with entities the first responder training. Property Protection	s, as well as lessen to ys and roadways is concerned to safety and service Director and conduct of additionals incidents and pipe of the safety and service Chief service Chief service Chief service Chief service Chief service, and service chief services and services and services se	che damages from lear and easy to consider and easy to consider and rail incompletine an	m such incident follow to decrea 01/09/2025 der training to p idents. 01/09/2025 to communities 01/09/2025 tructure to lesse	LOC; Other LOC; ST; Other through LOC; Other
4.1 The City will likelihood of velus 28 4.2 The City will responders for 29 4.3 The City will development of 30 Goal 5 Infrastru vulnerability to stakeholders.	Property Protection I collaborate with entities the first responder training. Property Protection Collaborate with entities the first responder training. Property Protection Collaborate with entities the first responder training. Property Protection Collaborate with entities the first responder training. Property Protection Collaborate with entities the first responder training. Property Protection Collaborate with entities the first responder training. Property Protection Collaborate with entities the first responder training. Property Protection	s, as well as lessen to ys and roadways is core routes of travel. Safety and Service Director and conduct of additionals incidents and piper of the provide resilient service. Fire Chief are corovide resilient services.	che damages fro lear and easy to 01/09/2020 onal first responeline and rail inc 01/09/2020 dous substances 01/09/2020 I improve infrastice to city resid	m such incident follow to decrea 01/09/2025 der training to p idents. 01/09/2025 to communities 01/09/2025 tructure to lesse ents, businesses	LOC; Other LOC; ST; Other through LOC; Other an its
4.1 The City will likelihood of vel 28 4.2 The City will responders for 29 4.3 The City will development of 30 Goal 5 Infrastru vulnerability to stakeholders. 5.1 The City will	Property Protection I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. I collaborate with entities the first responder training. I collaborate with entities the first responder training.	s, as well as lessen to ys and roadways is core routes of travel. Safety and Service Director and conduct of additionals incidents and piper of the provide resilient service corotion to city-own and conduct of additionals incidents and piper of the conduct of additionals incidents and piper of the conduct of additionals incidents and piper of the conduct of the c	che damages from lear and easy to lear and easy to only on all first response line and rail incomplete and	m such incident follow to decrea 01/09/2025 der training to p idents. 01/09/2025 to communities 01/09/2025 tructure to lesse ents, businesses	LOC; Other LOC; ST; Other through LOC; Other an its and
4.1 The City will likelihood of velus 28 4.2 The City will responders for 29 4.3 The City will development of 30 Goal 5 Infrastru vulnerability to stakeholders. 5.1 The City will make improvent	Property Protection I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. I collaborate with entities the first responder training.	s, as well as lessen to ys and roadways is core routes of travel. Safety and Service Director and conduct of additionals incidents and piper of the provide resilient service roadways is core to the state of the s	che damages from lear and easy to lear and rail incolon and rail incolon and rail incolon and rail incolon substances lead to city resided to city resided learns, reservatures from strong to learn and rail incolon and rail inco	m such incident follow to decrea 01/09/2025 der training to p idents. 01/09/2025 to communities 01/09/2025 tructure to lesse ents, businesses orra, and lagoons orm, water, or o	s. use the LOC; Other repare LOC; ST; Other through LOC; Other en its and will ther damage.
4.1 The City will likelihood of vel 28 4.2 The City will responders for 29 4.3 The City will development of 30 Goal 5 Infrastru vulnerability to stakeholders. 5.1 The City will	Property Protection I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. I collaborate with entities the first responder training. I collaborate with entities the first responder training.	s, as well as lessen to ys and roadways is core routes of travel. Safety and Service Director and conduct of additionals incidents and piper of the provide resilient service coronic repair, replace, and provide resilient service and protect the state of the provide resilient service and protect the provide resilient service an	che damages from lear and easy to lear and easy to only on all first response line and rail incomplete and	m such incident follow to decrea 01/09/2025 der training to p idents. 01/09/2025 to communities 01/09/2025 tructure to lesse ents, businesses	LOC; Other LOC; ST; Other through LOC; Other and and will ther damage. LOC, ST,
4.1 The City will likelihood of velus 28 4.2 The City will responders for 29 4.3 The City will development of 30 Goal 5 Infrastru vulnerability to stakeholders. 5.1 The City will make improvent	Property Protection I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. I collaborate with entities the first responder training.	s, as well as lessen to ys and roadways is core routes of travel. Safety and Service Director and conduct of additionals incidents and piper of the provide resilient service roadways is core to the state of the s	che damages from lear and easy to lear and rail incolon and rail incolon and rail incolon and rail incolon substances lead to city resided to city resided learns, reservatures from strong to learn and rail incolon and rail inco	m such incident follow to decrea 01/09/2025 der training to p idents. 01/09/2025 to communities 01/09/2025 tructure to lesse ents, businesses orra, and lagoons orm, water, or o	LOC; Other through LOC; Other through LOC; Other and s and will ther damage. LOC, ST, PDM, HMGP
4.1 The City will likelihood of vel 28 4.2 The City will responders for 29 4.3 The City will development of 30 Goal 5 Infrastru vulnerability to stakeholders. 5.1 The City will make improvem 21	Property Protection I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. Property Protection I didentify damage and determents to strengthen, harder Property Protection	s, as well as lessen to ys and roadways is core routes of travel. Safety and Service Director and conduct of additionals incidents and piper of the provide resilient service repair, replace, and provide resilient service and protect the structure of the struct	che damages fro lear and easy to 01/09/2020 onal first responeline and rail inc 01/09/2020 dous substances 01/09/2020 I improve infrastice to city resided dams, reservatures from standard to the complete of the city resided to the city resi	m such incident follow to decrea 01/09/2025 der training to p idents. 01/09/2025 to communities 01/09/2025 tructure to lesse ents, businesses oirs, and lagoons orm, water, or or 01/09/2025	s. Isse the LOC; Other repare LOC; ST; Other through LOC; Other in its and s and will ther damage. LOC, ST, PDM, HMGP, Other
4.1 The City will likelihood of vel 28 4.2 The City will responders for 29 4.3 The City will development of 30 Goal 5 Infrastru vulnerability to stakeholders. 5.1 The City will make improvem 21 5.2 The city will	Property Protection I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. Property Protection	s, as well as lessen to ys and roadways is core routes of travel. Safety and Service Director and conduct of additionals incidents and piper of the property of the property of the provide resilient service details incidents and piper or conduct of additionals incidents and piper of the provide resilient service conduct the state of the provide resilient service details and service Director of the provide reets, sidewalks, allest the provide reets.	che damages fro lear and easy to 01/09/2020 onal first responeline and rail inc 01/09/2020 dous substances 01/09/2020 I improve infrastice to city resided dams, reserve ructures from step o1/09/2020 ys, berms, and o	m such incident follow to decrea 01/09/2025 der training to p idents. 01/09/2025 to communities 01/09/2025 tructure to lesse ents, businesses orrs, and lagoons orm, water, or or 01/09/2025 ther structures t	LOC; Other LOC; ST; Other through LOC; Other through LOC; Other and and will ther damage. LOC, ST, PDM, HMGP Other that lessen
4.1 The City will likelihood of vel 28 4.2 The City will responders for 29 4.3 The City will development of 30 Goal 5 Infrastru vulnerability to stakeholders. 5.1 The City will make improvem 21 5.2 The city will	Property Protection I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. Property Protection I collaborate with entities the first responder training. Property Protection I didentify damage and determents to strengthen, harder Property Protection	s, as well as lessen to ys and roadways is core routes of travel. Safety and Service Director and conduct of additionals incidents and piper of the property of the property of the provide resilient service details incidents and piper or conduct of additionals incidents and piper of the provide resilient service conduct the state of the provide resilient service details and service Director of the provide reets, sidewalks, allest the provide reets.	che damages fro lear and easy to 01/09/2020 onal first responeline and rail inc 01/09/2020 dous substances 01/09/2020 I improve infrastice to city resided dams, reserve ructures from step o1/09/2020 ys, berms, and o	m such incident follow to decrea 01/09/2025 der training to p idents. 01/09/2025 to communities 01/09/2025 tructure to lesse ents, businesses orrs, and lagoons orm, water, or or 01/09/2025 ther structures t	LOC; Other LOC; ST; Other through LOC; Other and will ther damage. LOC, ST, PDM, HMGP, Other that lessen

Priority	Action Type	Lead	Start Date	End Date	Funding
22	Structurally Engineered	Safety and	01/09/2020	01/09/2025	LOC, ST,
	Project	Service Director		,,	PDM, HMGP,
	- ,				Other
5.3 The City will	repair, replace, and refurb	ish storm sewers, st	orm basins, pum	ips, treatment fa	
•	within the stormwater sys			•	
	looding due to back up of o	•	•		
23	Structurally Engineered	Safety and	01/09/2020	01/09/2025	LOC, ST,
	Project	Service Director			PDM, HMGP,
					Other
5.4 The City will	separate the sanitary and	storm sewers over t	he entire city to	improve quality	of the water
within the distril	bution system and to impro	ove the capacity to r	manage storm w	ater.	
24	Structurally Engineered	Safety and	01/09/2020	01/09/2025	LOC, ST,
	Project	Service Director			PDM, HMGP,
					Other
5.5 The City will	replace, refurbish and repa	air communications	towers, alternat	e power supplie	s, and
communications	equipment to improve the	e quality of telecom	munications serv	ice and to ensu	re that
residents can co	mmunicate with emergend				T
25	Property Protection	Safety and	01/09/2020	01/09/2025	LOC, ST,
		Service Director			Other
	e Species: Fostoria will les	•		•	
	stroy trees that cause large				
•	maintain trees and vegeta	tion on public/jurisd	liction property a	and advocate for	r the same on
private property					
38	Property Protection	Safety and	01/09/2020	01/09/2025	LOC; Other
		Service Director			<u> </u>
	work to clear public and pr		or diseased tree	s that will easily	be damaged
•	and cause destruction of ot		04 /00 /2020	04/00/2025	100.045
39	Property Protection	Safety and	01/09/2020	01/09/2025	LOC; Other
Cool 7 Land C	haidanaa Faataniaill na	Service Director			danaa in at
risk areas.	ıbsidence: Fostoria will re	auce the risk of proj	perty damage di	ue to land subsid	dence in at-
	support and conduct progr	rams that radius are	osion and sodim	ontation along ri	ivorbanks
•	d berms, and areas that wa			-	iverbaliks,
40	Natural Resource	Safety and	01/09/2020	01/09/2025	LOC; ST;
40	Protection	Service Director	01/03/2020	01/03/2023	Other
7.2 The City will	advocate for, support, and		rotection actions	along waterway	
	s where natural causes end			_	
41	Natural Resource	Safety and	01/09/2020	01/09/2025	LOC; Other
41	Protection	Service Director	01/03/2020	01/03/2023	Loc, other
Goal 8 – Severe	Thunderstorm, Tornado, a		toria will lessen	the damages su	Iffered from
	evere thunderstorms, incl			_	
	advocate and support the		_		ilv homes and
•	ities, including mobile hom		_		•
26	Property Protection	Safety and	01/09/2020	01/09/2025	LOC; PDM
20	. Toperty Trotection	Service Director	31,03,2020	31,03,2023	200,10101
		Service Director			

Priority	Action Type	Lead	Start Date	End Date	Funding
•	II repair or retrofit public pro	operties with wind-r			
•	se damage due to wind.	•		•	C .
27	Property Protection	City Engineer	01/09/2020	01/09/2025	LOC; Other
8.3 The City wi	II develop agreements for e	mergency shelters to	be used for a v	ariety of disaster	-related
purposes durin	g severe storms and/or eva	cuations.			
28	Property Protection	Safety and	01/09/2020	01/09/2025	LOC
		Service Director			
8.4 The City wi	ll research and identify reso	urces for affordable	debris disposal	after storms, pos	sibly through
creation of spe	cial funding to pay for landf	ill fees or finding fac	ilities that will re	eceive debris for	reduced
rates.		T	.	1	.
29	Property Protection	City Engineer	01/09/2020	01/09/2025	LOC
8.5 The City wi	ll establish, maintain, impro	ve, and/or promote	public warning a	and notification s	systems
(reverse 911, o	pt-in systems, outdoor warr	ning sirens, etc.).	.	1	
30	Public Information	Safety and	01/09/2020	01/09/2025	LOC; ST;
		Service Director			Other
	ll maintain building regulation	ons and land-use pla	nning practices	that encourage r	esponsible
development ii	n high-risk areas.	T	.	1	
31	Property Protection	Safety and	01/09/2020	01/09/2025	LOC; ICC
		Service Director			
	ll work to develop a local, af		•		mmunication
system with th	e capability for multi-discipl		ctional commun	ication.	<u> </u>
32	Public Safety	Fire Chief	01/09/2020	01/09/2025	LOC; Other
•	ll work to fill gaps in warnin	-			g sirens,
	erse 911 capabilities, and by				<u> </u>
33	Public Information	Fire Chief	01/09/2020	01/09/2025	LOC; ST;
					Other
•	II advocate and support the	hardening of utilities	s (distribution li	nes, generating p	lants, and
other system c		T .	· · · · · · · · · · · · · · · · · · ·	T	Г
34	Property Protection	Safety and	01/09/2020	01/09/2025	LOC; ICC;
		Service Director			Other
	vill identify alternate/back-u	p utility resources for	or use when prin	nary source is co	mpromised
	dundant suppliers, etc.).	T			
35	Property Protection	City Engineer	01/09/2020	01/09/2025	LOC; Other
	r Quality: Fostoria will work	•	•	supply whether	it is sourced
•	vells or public or privately-o		•		
•	Il advocate for replacement,			•	•
•	stems, reservoirs, and other	equipment including	g enhanced test	ing, monitoring a	and treatment
capabilities.	N	C f	04/00/2020	04 /00 /2025	100 011
31	Natural Resource	Safety and	01/09/2020	01/09/2025	LOC; Other
0.2 Th - C'' ''	Protection	Service Director			
•	ll improve, repair, and repla	•			
	vices when a robust, plentif			· · · · · · · · · · · · · · · · · · ·	
32	Natural Resource	Safety and	01/09/2020	01/09/2025	LOC; Other
	Protection	Service Director			

Priority	Action Type	Lead	Start Date	End Date	Funding			
9.3 The City will work for early and pro-active collaboration between jurisdictions regarding spills or leaks								
into the water supply through seepage into wells, aquifers, from reservoirs or other waterways that will								
eventually affect	eventually affect local water quality.							
33	Natural Resource	Safety and	01/09/2020	01/09/2025	LOC; Other			
	Protection	Service Director						
Goal 10 – Winte	r Storms: Fostoria will less	sen damages suffere	ed from severe v	vinter storms ar	nd blizzards.			
10.1 The City wil	ll work to plow and clear ci	ity-maintained roadv	ways to facilitate	emergency traf	fic, necessary			
travel, and busin	iess access.							
34	Property Protection	City Engineer	01/09/2020	01/09/2025	LOC			
10.2 The City wil	II develop collaborative eff	orts with environme	ntal and water o	quality advocates	s to more			
accurately deter	mine risk to groundwater	resources in the cou	nty and work tog	gether to adequa	ately and			
effectively preve	ent contamination of the g	roundwater through	snow removal a	nd salting of icy	roads.			
35	Natural Resource	Safety and	01/09/2020	01/09/2025	LOC; Other			
	Protection	Service Director						

3.3.6 New Riegel

The mitigation strategies for New Riegel will be monitored by the Mayor, who will coordinate with village council and other community residents to identify mitigation opportunities. Most of mitigation actions will be locally funded; state and federal grants will be sought to help fund these efforts when available.

Table 3-7: New Riegel Mitigation Strategies

Priority	Action Type	Lead	Start Date	End Date	Funding
Goal 1 – Drough	nt/Extreme Heat: New Rieg	gel will assess the re	liability of wate	r supplies durin	g drought and
extreme heat.					
1.1 The Village v	vill establish water conserv	ation procedures fo	r implementatio	n in extreme dro	ought
conditions.					
13	Natural Resource	Mayor	01/09/2020	01/09/2025	LOC
	Protection				
Goal 2 - Earthqu	ake: New Riegel will asses	s damage potential	from earthquak	ces and establisl	n a safety plar
for residents.					
2.1 The Village v	vill identify the structures a	and infrastructure th	at would likely b	e damaged or d	estroyed in ar
earthquake of m	noderate to severe magnitu	ıde.			
15	Property Protection	Mayor	01/09/2020	01/09/2025	LOC
Goal 3 – Flood:	New Riegel will work to re	duce flooding and I	imit loss of life o	r injury and pro	perty damage
caused by flood	ing.				
3.1 The Village v	vill acquire, demolish, and/	or retrofit flood-pro	ne structures.		
5	Prevention	Mayor	01/09/2020	01/09/2025	PDM; HMGF
3.2 The Village v	vill maintain participation i	n NFIP and engage i	n floodplain mar	nagement activit	ies to support
flood prevention	٦.				
3	Prevention	Mayor	01/09/2020	01/09/2025	LOC
3.3 The Village v	vill improve and repair stre	ets, sidewalks and b	erms damaged l	by rapid runoff a	nd heavy
precipitation.					
4	Property Protection	Mayor	01/09/2020	01/09/2025	LOC
Goal 4 – Hazard	ous Materials Incident: Ne	w Riegel will work	to lessen both th	ne number of sp	ills, leaks, and
releases from h	azardous materials source	s, as well as lessen t	the damages fro	m such incident	s.
4.1 The Village v	vill advocate for funding fo	r and conduct of add	ditional first resp	onder training t	o prepare
responders for h	nighway hazardous materia	ls incidents and pipe	eline and rail inc	idents.	
1	Public Safety	Mayor	01/09/2020	01/09/2025	LOC; ST;
					Other
4.2 The Village v	vill collaborate with entitie	s that bring new haz	ardous substanc	es to communit	ies through
construction of a	additional highways, railroa	ads, or pipelines for	first responder t	raining.	
2	Public Safety	Mayor	01/09/2020	01/09/2025	Other
Goal 5 - Infrastr	ucture Failure: New Riegel	will identify poten	tial infrastructur	e failure and ini	tiate action to
restore and repa	air it prior to failure.				
5.1 The Village v	vill monitor streets, culvert	s and sidewalks, po	wer systems, wa	ter treatment ar	nd distribution
systems, commi	unication equipment, and ι	itilities for signs of v	vear and tear or	imminent failure	e, and will take
immediate actio	n to facilitate the upgrade	and restoration of i	nfrastructure.		
6	Property Protection	Mayor	09/09/2020	01/09/2025	LOC: PDM
Goal 6 – Invasiv	e Species: New Riegel will	lessen the cost of p	lant debris caus	ed by invasive s	pecies that
weaken and des	stroy trees that cause large	e amounts of debris	requiring remov	val after storms	

Priority	Action Type	Lead	Start Date	End Date	Funding		
6.1 The Village w	vill work to clear public and	d private areas of de	ad or diseased t	rees that will eas	ily be		
damaged by win	d events and cause destru	ction of other prope	rty.				
14	Property Protection	Mayor	01/09/2020	01/09/2025	LOC		
Goal 7 – Severe	Thunderstorm, Tornado, a	and Windstorm: Nev	w Riegel will less	sen the damages	suffered		
from windstorm	s or severe thunderstorm	s, including heavy ra	ain, wind, hail, a	nd lightning.			
7.1 The Village w	vill advocate and support t	he construction of sa	afe rooms for sir	ngle- and multi-fa	amily homes		
and congregate	and congregate facilities, including mobile home parks, apartment complexes, and mass gathering facilities.						
7	Property Protection	Mayor	01/09/2020	01/09/2025	PDM; LOC;		
					HMGP		
7.2 The Village w	vill develop agreements for	r emergency shelters	s to be used for	a variety of disas	ter-related		
purposes during	severe storms and/or eva-	cuations.					
8	Property Protection	Mayor	01/09/2020	01/09/2025	LOC		
7.3 The Village w	vill establish, maintain, imp	prove, and/or promo	te public warnir	ng and notification	n systems		
(reverse 911, op	t-in systems, outdoor warr	ning sirens, etc.).					
10	Public Information	Mayor	01/09/2020	01/09/2025	LOC; ST		
7.4 The Village w	vill identify alternate/back-	up utility resources	for use when pr	imary source is c	ompromised		
(generators, red	undant suppliers, etc.).						
9	Property Protection	Mayor	01/09/2020	01/09/2025	LOC; PDM;		
					HMGP		
Goal 8 – Water (Quality: New Riegel will w	ork to improve the	safety of the wa	ter supply whet	her it is		
sourced from pr	ivate wells or public or pr	ivately-owned wate	r treatment syst	tems.			
8.1 The Village w	vill advocate for improvem	ents to water treatn	nent plants, inclu	uding enhanced	testing and		
monitoring and i	improved treatment capab	oilities.					
12	Natural Resource	Mayor	01/09/2020	01/09/2025	LOC		
	Protection						
Goal 9 – Winter	Storms: New Riegel will le	essen damages suffe	red from severe	winter storms	and blizzards.		
9.1 The Village w	vill work to plow and clear	village-maintained r	oadways to facil	itate emergency	traffic,		
necessary travel	, and business access.						
11	Property Protection	Mayor	01/09/2020	01/09/2025	LOC		

3.3.7 Republic

The mitigation strategies for Republic will be monitored by the Mayor, who will coordinate with village council and other community stakeholders to identify mitigation opportunities. Most of mitigation actions will be locally funded; state and federal grants will be sought to help fund these efforts when available.

Table 3-8: Republic Mitigation Strategies

Priority	Action Type	Lead	Start Date	End Date	Funding
-	t/Extreme Heat: Republic	will assess the relia	bility of water s	upplies during d	_
extreme heat.					_
1.1 The Village v	vill advocate and support t	he hardening of wat	er supply infrast	ructure to includ	de alternate
sources of water	r and protection of treatme	ent plants and distril	bution systems.		
28	Property Protection	Mayor	01/09/2020	01/09/2025	LOC
Goal 2 - Earthqu	iake: Republic will assess o	lamage potential fro	om earthquakes	and establish a	safety plan
for residents.					
2.1 The Village v	vill identify the structures a	and infrastructure th	nat would likely b	oe damaged or d	estroyed in an
earthquake of m	noderate to severe magnitu	ıde.			
31	Property Protection	Mayor	01/09/2020	01/09/2025	LOC
Goal 3 – Flood: I	Republic will work to redu	ce flooding and limi	it loss of life or i	njury and prope	rty damage
caused by flood					
3.1 The Village v	vill acquire, demolish, and/	or retrofit flood-pro			
7	Prevention	Mayor	01/09/2020	01/09/2025	PDM; HMGP
3.2 The Village v	vill utilize wetland and natu	ural habitat creation	and/or use of ve	egetative buffers	s inside
waterways to te	mporarily hold excess stor	m water.			
6	Natural Resource	Mayor	01/09/2020	01/09/2025	LOC; Other
	Protection				
3.3 The Village v	vill maintain and enforce fl	oodplain, zoning, an	d building regula	ations to manage	e
development in	flood-prone areas.				
2	Property Protection	Mayor	01/09/2020	01/09/2025	LOC
3.4 The Village v	vill maintain participation i	n NFIP and engage i	n floodplain mar	nagement activit	ies to support
flood prevention	۱.				
1	Prevention	Mayor	01/09/2020	01/09/2025	LOC
3.5 The Village v	vill maintain, repair, upgrad	de, and/or replace s	torm sewers and	I related systems	s and increase
culvert sizes and	bridge spans to reduce flo	oding and improve	drainage.		
3	Structurally Engineered	Mayor	01/09/2020	01/09/2025	LOC; CDBG;
	Project				Other
3.6 The Village v	vill improve and repair road	dways and berms da	imaged by rapid	runoff and heav	У
precipitation.					
4	Property Protection	Mayor	01/09/2020	01/09/2025	LOC
3.7 The Village v	vill protect banks and land	near waterways fro	m deterioration	due to rapid or e	excessive flow
	am bank vegetation, install	-			
grasses along ba	inks and berms, or using de	eflectors to prevent	deterioration, or	r other similar m	ethods to
accomplish the s	same.				
5	Natural Resource	Mayor	01/09/2020	01/09/2025	LOC; Other
	Protection				

Priority	Action Type	Lead	Start Date	End Date	Funding
•	vill utilize biotechnical met				
-	ayering, evergreen revetm	•••	•	•	-
	es) to minimize the deterio				
8	Natural Resource	Mayor	01/09/2020	01/09/2025	LOC; Other
0	Protection	Iviayor	01/03/2020	01/03/2023	Loc, other
3 Q The Village W	vill utilize stream bank prot	taction massures su	Ich as gahion rev	l etments rinran	revetments
_	nd other structural method		-	etilielits, lipiap	revetilients,
9	Natural Resource	Mayor	01/09/2020	01/09/2025	LOC; Other
9	Protection	iviayoi	01/03/2020	01/03/2023	LOC, Other
Goal 4 - Hazarda	ous Materials Incident: Re	nublic will work to	losson both the	number of spills	looks and
	izardous materials source	•		•	
_	vill advocate for funding fo ighway hazardous materia			_	o prepare
•	• .		01/09/2020	01/09/2025	LOC: ST.
10	Public Safety	Mayor	01/09/2020	01/09/2025	LOC; ST; Other
C15 l-ft	Fallone Daniella	l			
	cture Failure: Republic wil				
	erms; water treatment ar	na distribution syst	ems; utilities; an	a communication	ons capitai
equipment.					1.1:
_	vill repair, replace, and inst			_	_
•	supplies, pumps, distribut		nes, and other ed	quipment or stri	ictures
	oper function of these syst		T /		1
19	Property Protection	Mayor	01/09/2020	01/09/2025	PDM: HMGP
-	vill work to repair, restore			_	
	rapid and effective draina	· · · · · · · · · · · · · · · · · · ·	· ·		T
20	Property Protection	Mayor	01/09/2020	01/09/2025	PDM:
					HMGP:
			<u> </u>		CDBG; Other
-	vill increase the capacity of		-	-	
elevated highway	ys that pass through the vi	illage, and to prever			te property.
21	Property Protection	Mayor	01/09/2020	01/09/2025	PDM:
					HMGP: LOC
-	vill identify infrastructure in	•	•	•	_
after heavy preci	ipitation, and will act to di	vert this runoff into		storm sewers or	waterways.
22	Property Protection	Mayor	01/09/2020	01/09/2025	PDM:
					HMGP: LOC
Goal 6 - Invasive	e Species: Republic will les	ssen the cost of pla	nt debris caused	by invasive spe	cies that
weaken and des	troy trees that cause large	e amounts of debris	s requiring remov	val after storms	
6.1 The Village w	vill maintain trees and vege	etation on public/ju	risdiction proper	ty and advocate	for the same
on private prope	rty.				
on private prope 26	Property Protection	Mayor	01/09/2020	01/09/2025	LOC; Other
26	•	•			
26 6.2 The Village w	Property Protection	d private areas of de	ead or diseased to		
26 6.2 The Village w	Property Protection vill work to clear public and	d private areas of de	ead or diseased to		
26 6.2 The Village w damaged by wind 27	Property Protection vill work to clear public and d events and cause destru	d private areas of de ection of other prope Mayor	ead or diseased to erty.	o1/09/2025	sily be

Priority	Action Type	Lead	Start Date	End Date	Funding
	vill advocate for, support, a				
_	e areas where natural caus			_	
23	Natural Resource	Mayor	01/09/2020	01/09/2025	LOC; Other;
	Protection	, ,		, , , , , ,	PDM
7.2 The Village v	vill encourage the develop	ment of more specif	ic and accurate i	mapping of karst	
	hat interfaces the geologic				
•	functioning wells and mine		• •		
predict where si	nk holes or other structura	al problems are likely	to occur.		
24	Prevention	Mayor	01/09/2020	01/09/2025	LOC
Goal 8 – Severe	Thunderstorm, Tornado, a	and Windstorm: Rep	oublic will lesser	the damages s	uffered from
	severe thunderstorms, incl	•		~	
	vill advocate and support t				amily homes
_	facilities, including mobile			-	•
11	Property Protection	Mayor	01/09/2020	01/09/2025	PDM; LOC;
1	, ,	•			HMGP
8.2 The Village v	vill repair or retrofit public	properties with win	d-resistant mate	rials (i.e. metal ı	oofing, siding,
_	e damage due to wind.				
18	Property Protection	Mayor	01/09/2020	01/09/2025	LOC; Other
8.3 The Village v	vill develop agreements fo	r emergency shelter	s to be used for	a variety of disas	ster-related
	severe storms and/or eva			,	
12	Property Protection	Mayor	01/09/2020	01/09/2025	LOC
8.4 The Village v	vill research and identify re	sources for affordal	ole debris dispos	al after storms,	possibly
	n of special funding to pay				
reduced rates.					
13	Property Protection	Mayor	01/09/2020	01/09/2025	LOC; ICC;
					Other
8.5 The Village v	vill establish, maintain, imp	prove, and/or promo	te public warnir	ng and notification	n systems
(reverse 911, op	t-in systems, outdoor war	ning sirens, etc.).			
15	Public Information	Fire Chief	01/09/2020	01/09/2025	LOC; ST
8.6 The Village v	vill provide community edu	ication about proted	ctive actions, eva	cuation procedu	ires, and
other disaster p	reparedness information.				
17	Public Information	Mayor	01/09/2020	01/09/2025	LOC
8.7 The Village v	vill work to fill gaps in warr	ning and notification	systems by add	ing outdoor war	ning sirens,
developing reve	rse 911 capabilities, and by	enhancing public n	otification proce	esses.	_
14	Public Information	Fire Chief	01/09/2020	01/09/2025	LOC; ST
8.8 The Village v	vill identify alternate/back	up utility resources	for use when pr	imary source is o	compromised
(generators, red	undant suppliers, etc.).				
16	Property Protection	Mayor	01/09/2020	01/09/2025	LOC; PDM;
	, ,	•			HMGP
Goal 9 – Water	Quality: Republic will wor	k to improve the saf	ety of the water	r supply whethe	r it is sourced
	ells or public or privately-o	•	•		
	vill advocate for improvem			including enhan	ced testing
-	and improved treatment c			-	-
29	Natural Resource	Mayor	01/09/2020	01/09/2025	LOC
	Protection				
	1	ı	L.	1	1

Priority	Action Type	Lead	Start Date	End Date	Funding		
9.2 The Village will work for early and pro-active collaboration between jurisdictions regarding spills or leaks							
into the water su	into the water supply through seepage into wells, aquifers, reservoirs or waterways that will eventually						
affect local wate	r quality.						
30	Property Protection	Fire Chief	01/09/2020	01/09/2025	LOC		
Goal 10 – Winte	r Storms: Republic will les	sen damages suffer	ed from severe	winter storms a	nd blizzards.		
10.1 The Village	will work to plow and clea	r village-maintained	roadways to fac	ilitate emergend	y traffic,		
necessary travel	, and business access.						
25	Property Protection	Mayor	01/09/2020	01/09/2025	LOC		

3.3.8 Tiffin

In Tiffin, the City Administrator will monitor progress on mitigation strategies and coordinate with other community officials to identify mitigation opportunities. The majority of mitigation actions will be funded through local budgets. When possible, state and federal grants will be sought to help fund these efforts. During the planning process county and city officials discussed the possibility of mitigation strategies being implemented by various entities other than the city, including private property owners such as non-profit organizations, institutions of higher learning, school districts, or other special interest districts. This could be especially relevant in mitigating damages to multi-family structures, institutional buildings, and other non-government owned critical facilities. These parties were involved in discussion during the planning process, and could be the most likely administrators of a project at the time of implementation.

Table 3-9: Tiffin Mitigation Strategies

		-9: Tiffin Mitigatio			
Priority	Action Type	Lead	Start Date	End Date	Funding
_	ht/Extreme Heat: Tiffin wil	l assess the reliabil	ity of water supp	olies during drou	ught and
extreme heat.					
	II advocate and support the	~		cture to include	alternate
	er and protection of treatme			1	1
48	Natural Resources	City	01/09/2020	01/09/2025	LOC; CDBG
	Protection	Administrator			
	Juake: Tiffin will assess dam	nage potential from	earthquakes an	d establish a saf	fety plan for
residents.					
•	ll identify the structures and		•	d likely be dama	ged or
destroyed in ar	n earthquake of moderate to			1	T
45	Property Protection	City Engineer	01/09/2020	01/09/2025	LOC
	: Tiffin will work to reduce f	flooding and limit lo	oss of life or inju	ry and property	damage
caused by floo					
	II require construction of wa			tention/detenti	on ponds,
dams, levees, o	likes, floodwalls, etc.) to pre	event flooding of pro	operties.	1	
23	Structurally Engineered	City Engineer	01/09/2020	01/09/2025	LOC; PDM;
	Projects				HMGP; FMA
					CDBG; Other
•	ll elevate structures and infr		•	dges, culverts et	c.) to remove
property from	areas that flood where elev	ation is feasible and		1	
24	Property Protection	City Engineer	01/09/2020	01/09/2025	LOC; PDM;
					HMGP; FMA
					CDBG; Other
3.3 The City wi	ll acquire, demolish, and/or	retrofit flood-prone	structures.	1	<u> </u>
11	Prevention	City Engineer	01/09/2020	01/09/2025	PDM; FMA;
					SRL; HMGP
•	ll consider channel modifica	tion (deepening or	widening) to re-r	oute water or ir	crease flow
capacity and re	educe flooding.				
12	Structurally Engineered	City Engineer	01/09/2020	01/09/2025	PDM; FMA;
	Project				HMGP; ST;
					CDBG; Other

Priority	Action Type	Lead	Start Date	End Date	Funding
	clear debris, fallen trees, le				
•	ducts to improve flow, and	<u>~</u> .			•
	zy areas like railroad viaduo		ace property our	iers to do same,	especially in
7	Property Protection	City Engineer	01/09/2020	01/09/2025	LOC
3.6 The City will	work with watershed or co				
•	cilitate cleaning, maintaini	•			
14	Natural Resource	City	01/09/2020	01/09/2025	LOC
	Protection	Administrator			
3.7 The City will	utilize natural habitat crea	tion and/or use of v	egetative buffers	s inside waterwa	ys to slow the
•	odwater from upstream ar		-		•
22	Natural Resource	City Engineer	01/09/2020	01/09/2025	LOC; Other
	Protection				
3.8 The City will	maintain and strictly enfor	ce floodplain, zonin	g, and building re	egulations to ma	nage
development in	flood-prone areas, and wil	l work to improve a	nd modify codes	and regulations	when
improvements to	o floodwater management	can be the result.			
5	Prevention	City	01/09/2020	01/09/2025	LOC
		Administrator			
3.9 The City will	maintain participation in N	IFIP and engage in fl	oodplain manag	ement activities	to support
flood prevention	1.			T	
6	Prevention	City	01/09/2020	01/09/2025	LOC
		Administrator			
	ll maintain, repair, upgrade			elated systems a	and increase
	bridge spans, as necessar				
8	Structurally Engineered	City Engineer	01/09/2020	01/09/2025	LOC; ST;
	Projects	<u> </u>			CDBG; Other
	Il improve and repair roady				
13	Property Protection	City Engineer	01/09/2020	01/09/2025	LOC
•	ll work with railroads to ide	•	•		-
	andoned tracks and keep t		and abandoned (equipment so wa	ater can flow
	ring periods of heavy rund		04/00/2020	01/09/2025	Othor
9	Property Protection	City Administrator	01/09/2020	01/09/2025	Other
2 12 The City will	l Il identify and implement n		hris in runoff w	l atar hafara it ala	as ditchos
•	s, and other waterways.	methods to confect di	ebits in fution w	ater before it tit	igs utteries,
10		City Engineer	01/09/2020	01/09/2025	LOC
	I Drongrty Drotaction			01/03/2023	LOC
	Property Protection	City Engineer			
3.14 The City wil	ll protect banks and land n	ear waterways from	deterioration du	ue to rapid or ex	cessive flow
3.14 The City will by planting stream	Il protect banks and land nam bank vegetation, install	ear waterways from ing dormant woody	deterioration du stakes and posts	ue to rapid or ex s, planting trees,	cessive flow shrubs and
3.14 The City will by planting strea grasses along ba	Il protect banks and land nam bank vegetation, install	ear waterways from ing dormant woody	deterioration du stakes and posts	ue to rapid or ex s, planting trees,	cessive flow shrubs and
3.14 The City will by planting streat grasses along bat accomplish the s	Il protect banks and land nam bank vegetation, installanks and berms, or using desame.	ear waterways from ing dormant woody eflectors to prevent	deterioration du stakes and posts deterioration, or	ue to rapid or ex s, planting trees, other similar m	cessive flow shrubs and ethods to
3.14 The City will by planting streat grasses along bat accomplish the states	Il protect banks and land name bank vegetation, installanks and berms, or using desame. Property Protection	ear waterways from ing dormant woody eflectors to prevent City Engineer	deterioration du stakes and posts deterioration, or 01/09/2020	ue to rapid or ex s, planting trees, other similar m	cessive flow shrubs and ethods to LOC; Other
3.14 The City will by planting streat grasses along bat accomplish the states 15 3.15 The City will	Il protect banks and land nam bank vegetation, install inks and berms, or using desame. Property Protection Il utilize biotechnical metho	ear waterways from ing dormant woody eflectors to prevent City Engineer ods (placement of w	deterioration do stakes and posts deterioration, or 01/09/2020 illow posts, hard	ue to rapid or ex s, planting trees, other similar m 01/09/2025 Iwood tree plant	cessive flow shrubs and ethods to LOC; Other ings, fascines,
3.14 The City will by planting stream grasses along bath accomplish the stress 15 3.15 The City will brush layering, each	Il protect banks and land name bank vegetation, install inks and berms, or using desame. Property Protection Il utilize biotechnical methers are severgreen revetments, log	ear waterways from ing dormant woody effectors to prevent City Engineer ods (placement of wrevetments, tree kic	deterioration do stakes and posts deterioration, or 01/09/2020 illow posts, hard kers, lunker stru	ue to rapid or ex s, planting trees, other similar m 01/09/2025 lwood tree plant ctures, or placed	cessive flow shrubs and ethods to LOC; Other ings, fascines,
3.14 The City will by planting stress grasses along bath accomplish the stress 15 3.15 The City will brush layering, each of the city will brush layering, each of the city will brush layering, each of the city will be stress to the city	Il protect banks and land nam bank vegetation, install inks and berms, or using desame. Property Protection Il utilize biotechnical metho	ear waterways from ing dormant woody effectors to prevent City Engineer ods (placement of wrevetments, tree kic	deterioration do stakes and posts deterioration, or 01/09/2020 illow posts, hard kers, lunker stru	ue to rapid or ex s, planting trees, other similar m 01/09/2025 lwood tree plant ctures, or placed	cessive flow shrubs and ethods to LOC; Other ings, fascines,

Priority	Action Type	Lead	Start Date	End Date	Funding
	I manage stream flow thro				
•	ment practices, and will we				
River.	e praetiees, and initial				o January,
17	Natural Resource	City Engineer	01/09/2020	01/09/2025	LOC; Other
	Protection	City Engineer	01,03,2020	01,03,2023	200,000.0
3 17 The City wil	I utilize stream bank prote	l oction measures such	l nas gahion revet	ments rinran re	vetments
•	nd other structural method		-	inches, riprap re	vetilients,
18	Natural Resource	City Engineer	01/09/2020	01/09/2025	LOC; Other
10	Protection	City Liigilieei	01/03/2020	01/03/2023	Loc, other
2 19 The City wil	Il require developers and/o	r construction crow	s in urban dayal	onmont zonos ta	Luca tools
	l stabilization, compost bla			•	
	ng and sodding of areas hig	_			_
	diversion for surface runof				
	d rapid surface runoff or di				
21	Property Protection	City	01/09/2020	01/09/2025	LOC; ICC
21	Froperty Frotection	Administrator	01/03/2020	01/03/2023	100,100
2 10 The City wil	l ancourage unstream may		runoff and shor	 	ough
	Il encourage upstream mar as installation of grassy wa				
•	lation, filtration techniques	•			•
•	•	s like use of catch ba	isin inserts, sand	and organic into	ers, rain
	etated filter strips.	61. 5 .	04/00/2020	04/00/2025	100 100
19	Natural Resource	City Engineer	01/09/2020	01/09/2025	LOC; ICC;
	Protection		116 .1 .		Other
	l encourage property owner				_
_	ugh means such as waterp		iling, and other i	neans to keep w	ater from
	ining into basements and le	1	T	ı	
20		· · · ·	04/00/000		0.1
	Property Protection	City	01/09/020	01/09/2025	Other
	, ,	Administrator			
Goal 4 – Hazardo	ous Materials Incident: Tif	Administrator fin will work to less	en both the nun	nber of spills, lea	aks, and
Goal 4 – Hazardo releases from ha	ous Materials Incident: Tif azardous materials source	Administrator fin will work to less s, as well as lessen t	en both the nun	nber of spills, lea m such incident	aks, and s.
Goal 4 – Hazardo releases from ha 4.1 The City will	ous Materials Incident: Tifazardous materials source ensure signage on highway	Administrator fin will work to less s, as well as lessen to ys and roadways is co	en both the nun	nber of spills, lea m such incident	aks, and s.
Goal 4 – Hazardo releases from ha 4.1 The City will likelihood of veh	ous Materials Incident: Tifazardous materials source ensure signage on highway icle accidents due to unsu	Administrator fin will work to less s, as well as lessen to ys and roadways is co re routes of travel.	en both the nunthe damages fro	nber of spills, lea m such incident follow to decrea	aks, and s. ase the
Goal 4 – Hazardo releases from ha 4.1 The City will	ous Materials Incident: Tifazardous materials source ensure signage on highway	Administrator fin will work to less s, as well as lessen to ys and roadways is co re routes of travel. City	en both the nun	nber of spills, lea m such incident	aks, and s.
Goal 4 – Hazardo releases from ha 4.1 The City will likelihood of veh 39	ous Materials Incident: Tife azardous materials source ensure signage on highway icle accidents due to unsule Property Protection	Administrator fin will work to less s, as well as lessen to ys and roadways is co re routes of travel. City Administrator	en both the nunthe damages from lear and easy to 01/09/2020	nber of spills, lea m such incident follow to decrea 01/09/2025	aks, and s. ase the LOC; Other
Goal 4 – Hazardo releases from ha 4.1 The City will likelihood of veh 39 4.2 The City will	ous Materials Incident: Tife azardous materials source ensure signage on highway icle accidents due to unsure Property Protection advocate for funding for a	Administrator fin will work to less s, as well as lessen to the second	en both the num the damages fro lear and easy to 01/09/2020 onal first respon	nber of spills, lead m such incident follow to decrease 01/09/2025	aks, and s. ase the LOC; Other
Goal 4 – Hazardo releases from ha 4.1 The City will likelihood of veh 39 4.2 The City will	ous Materials Incident: Tife azardous materials source ensure signage on highway icle accidents due to unsule Property Protection	Administrator fin will work to less s, as well as lessen to the second	en both the num the damages fro lear and easy to 01/09/2020 onal first respon	nber of spills, lead m such incident follow to decrease 01/09/2025	aks, and s. ase the LOC; Other
Goal 4 – Hazardo releases from ha 4.1 The City will likelihood of veh 39 4.2 The City will	ous Materials Incident: Tife azardous materials source ensure signage on highway icle accidents due to unsure Property Protection advocate for funding for a	Administrator fin will work to less s, as well as lessen to the second	en both the num the damages fro lear and easy to 01/09/2020 onal first respon	nber of spills, lead m such incident follow to decrease 01/09/2025	aks, and s. ase the LOC; Other
Goal 4 – Hazardo releases from ha 4.1 The City will likelihood of veh 39 4.2 The City will responders for h	ous Materials Incident: Tife azardous materials source ensure signage on highway licle accidents due to unsure Property Protection advocate for funding for a highway hazardous materia	Administrator fin will work to less s, as well as lessen to ys and roadways is concerned to the contest of travel. City Administrator and conduct of additionals incidents and pipe	en both the num the damages fro lear and easy to 01/09/2020 onal first responeline and rail inc	nber of spills, leading m such incident follow to decrease 01/09/2025 der training to pidents.	aks, and s. ase the LOC; Other prepare
Goal 4 – Hazardo releases from ha 4.1 The City will likelihood of veh 39 4.2 The City will responders for h 37 4.3 The City will	ous Materials Incident: Tife azardous materials source ensure signage on highway icle accidents due to unsure Property Protection advocate for funding for an ighway hazardous material Property Protection collaborate with railroads	Administrator fin will work to less s, as well as lessen to the service of travel. City Administrator nd conduct of additionals incidents and pipe fire Chief	en both the num the damages fro lear and easy to 01/09/2020 onal first responeline and rail inc 01/09/2020 cals are hauled t	nber of spills, lead m such incident follow to decrease of the such incident of the such incidents. 01/09/2025 of the such incidents. 01/09/2025 of the such incidents.	aks, and s. ase the LOC; Other orepare LOC; ST; Other past schools
Goal 4 – Hazardo releases from ha 4.1 The City will likelihood of veh 39 4.2 The City will responders for h 37 4.3 The City will and colleges and	ous Materials Incident: Tife azardous materials source ensure signage on highway licle accidents due to unsure Property Protection advocate for funding for an highway hazardous material Property Protection collaborate with railroads a through residential neigh	Administrator Ifin will work to less s, as well as lessen to service of travel. City Administrator Ind conduct of additionals incidents and piper Fire Chief as hazardous chemic borhoods to improve	en both the num the damages fro lear and easy to 01/09/2020 onal first responeline and rail inc 01/09/2020 cals are hauled to e disclosure of to	nber of spills, lead m such incident follow to decrease o1/09/2025 der training to pidents. 01/09/2025 hrough the city, rain contents, incidents, inciden	aks, and s. ase the LOC; Other prepare LOC; ST; Other past schools crease training
Goal 4 – Hazardo releases from ha 4.1 The City will likelihood of veh 39 4.2 The City will responders for h 37 4.3 The City will and colleges and	ous Materials Incident: Tife azardous materials source ensure signage on highway icle accidents due to unsure Property Protection advocate for funding for an ighway hazardous material Property Protection collaborate with railroads	Administrator Ifin will work to less s, as well as lessen to service of travel. City Administrator Ind conduct of additionals incidents and piper Fire Chief as hazardous chemic borhoods to improve	en both the num the damages fro lear and easy to 01/09/2020 onal first responeline and rail inc 01/09/2020 cals are hauled to e disclosure of to	nber of spills, lead m such incident follow to decrease o1/09/2025 der training to pidents. 01/09/2025 hrough the city, rain contents, incidents, inciden	aks, and s. ase the LOC; Other repare LOC; ST; Other past schools crease training
Goal 4 – Hazardo releases from ha 4.1 The City will likelihood of veh 39 4.2 The City will responders for h 37 4.3 The City will and colleges and of first responde	ous Materials Incident: Tife azardous materials source ensure signage on highway icle accidents due to unsure Property Protection advocate for funding for a highway hazardous material Property Protection collaborate with railroads through residential neighers, and to improve safety of the safety	Administrator Ifin will work to less s, as well as lessen to service of travel. City Administrator Ind conduct of additionals incidents and piper Fire Chief as hazardous chemic borhoods to improve	en both the num the damages fro lear and easy to 01/09/2020 onal first responeline and rail inc 01/09/2020 cals are hauled to e disclosure of to	nber of spills, lead m such incident follow to decrease o1/09/2025 der training to pidents. 01/09/2025 hrough the city, rain contents, incidents, inciden	aks, and s. ase the LOC; Other repare LOC; ST; Other past schools crease training
Goal 4 – Hazardo releases from ha 4.1 The City will likelihood of veh 39 4.2 The City will responders for h 37 4.3 The City will and colleges and	ous Materials Incident: Tife azardous materials source ensure signage on highway icle accidents due to unsure Property Protection advocate for funding for a highway hazardous material Property Protection collaborate with railroads through residential neighers, and to improve safety of the safety	Administrator Ifin will work to less s, as well as lessen to service of travel. City Administrator Ind conduct of additionals incidents and piper Fire Chief as hazardous chemic borhoods to improve	en both the num the damages fro lear and easy to 01/09/2020 onal first responeline and rail inc 01/09/2020 cals are hauled to e disclosure of to	nber of spills, lead m such incident follow to decrease o1/09/2025 der training to pidents. 01/09/2025 hrough the city, rain contents, incidents, inciden	aks, and s. ase the LOC; Other prepare LOC; ST; Other past schools crease training
Goal 4 – Hazardo releases from ha 4.1 The City will likelihood of veh 39 4.2 The City will responders for h 37 4.3 The City will and colleges and of first responde train safety prog 35	ous Materials Incident: Tife azardous materials source ensure signage on highway icle accidents due to unsure Property Protection advocate for funding for an ighway hazardous material Property Protection collaborate with railroads through residential neighers, and to improve safety or grams.	Administrator Ifin will work to less s, as well as lessen to service of travel. City Administrator Ind conduct of additionals incidents and piper Fire Chief As hazardous chemic borhoods to improve of train operation the service of the service	en both the number the damages from the damages from the lear and easy to the lear and easy to the lear and rail incomplete and rail incomplete and rail incomplete and rail incomplete the disclosure of the learn the	nber of spills, lead m such incident follow to decrease o1/09/2025 der training to pidents. 01/09/2025 hrough the city, rain contents, in peed limits and 01/09/2025	aks, and s. ase the LOC; Other repare LOC; ST; Other past schools crease training enhanced LOC; Other
Goal 4 – Hazardo releases from ha 4.1 The City will likelihood of veh 39 4.2 The City will responders for h 37 4.3 The City will and colleges and of first responde train safety prog 35 4.4 The City will	ous Materials Incident: Tife azardous materials source ensure signage on highway icle accidents due to unsure Property Protection advocate for funding for an ighway hazardous material Property Protection collaborate with railroads at through residential neighers, and to improve safety or grams. Property Protection	Administrator Ifin will work to less s, as well as lessen to service of travel. City Administrator Ind conduct of additionals incidents and piper of train operation the service of train operation the service of train operation the service of train operation the service of the service of train operation the service of the service	en both the numble damages from lear and easy to consider the series of the constant of the co	nber of spills, leading such incident follow to decrease of the such incident of the such incidents. O1/09/2025 Independent of the such incidents of the	aks, and s. ase the LOC; Other repare LOC; ST; Other past schools crease training enhanced LOC; Other

Priority	Action Type	Lead	Start Date	End Date	Funding
Priority 4 5 The City will	work with agricultural che			End Date	
•	nprove hauling and applica	• •			
	ental to catastrophic spills,				
process.	· · ·				T
38	Property Protection	Fire Chief	01/09/2020	01/09/2025	LOC
	cture: Tiffin will work to ir		n and function of	of city infrastruc	ture to
	r resiliency and sustainabi				
	separate all storm and san	itary sewers to decr	ease the infiltrat	tion of the water	supply and to
improve the ade	equacy of both systems.		T	T	1
1	Property Protection	City	01/09/2020	01/09/2025	CDBG;
		Administrator			Other; LOC
•	repair, replace, and add st				
improve backflo	w prevention, and match r	need to capability th	rough improvem	nents to sanitary	and storm
sewer systems.	T		T	T	1
2	Property Protection	City	01/09/2020	01/09/2025	CDBG: PDM:
		Administrator			Other: LOC
5.3 The City will	improve power reliability t	hrough work with p	roviders to make	e distribution sys	stems more
disaster-resistan	it, and to replace and repa	ir current equipmen	t with more resi	stant and resilie	nt
components as r	repairs and replacements a	re completed.			
4	Property Protection	City	01/09/2020	01/09/2025	LOC: Other
		Administrator			
5.4 The City will	repair, refurbish, and/or st	trengthen two dams	in the city to les	ssen overtopping	g potential and
the chance that	a dam failure would disbui	rse broken concrete	segments of the	dam into privat	e and public
property, causin	g excessive damage to hor	nes and other buildi	ngs.		
3	Property Protection	City	01/09/2020	01/09/2025	LOC: PDM:
		Administrator			CDBG; Other
Goal 6 - Invasive	e Species: Tiffin will lesser	the cost of plant do	ebris caused by	invasive species	that weaken
and destroy tree	es that cause large amoun	ts of debris requirin	g removal after	storms.	
6.1 The City will	maintain trees and vegeta	tion on public/jurisd	liction property a	and advocate for	the same on
private property	'.				
49	Property Protection	City	01/09/2020	01/09/2025	LOC; Other
		Administrator			
6.2 The City will	work to clear public and p	rivate areas of dead	or diseased tree	s that will easily	be damaged
•	and cause destruction of o			·	-
50	Property Protection	City	01/09/2020	01/09/2025	LOC; Other
	, ,	Administrator			
Goal 7 – Land Su	ubsidence: Tiffin will reduc	e the risk of proper	ty damage due	to land subsiden	ce in at-risk
areas.			,		
7.1 The City will	support and conduct prog	rams that reduce ero	osion and sedim	entation along ri	verbanks,
•	d berms, and areas that wa			_	•
40	Natural Resource	City	01/09/2020	01/09/2025	LOC; ST;
-	Protection	Administrator	, , , , , , , , , ,	, , , , , , , , , ,	Other
7.2 The City will	advocate for, support, and		rotection actions	s along waterway	l.
•	where natural causes end			-	•
41	Natural Resource	City	01/09/2020	01/09/2025	LOC; Other
. ±	Protection	Administrator	01,00,2020	01,00,2020	200,0000
	11000001	Administrator	1	1	l

Priority	Action Type	Lead	Start Date	End Date	Funding
Goal 8 – Severe	Thunderstorm, Tornado, a	and Windstorm: Tiff	in will lessen th	e damages suffe	red from
windstorms or s	severe thunderstorms, inc	luding heavy rain, w	ind, hail, and liو	ghtning.	
8.1 The City will	advocate and support the	construction of safe	rooms for single	e- and multi-fam	ily homes and
congregate facil	ities, including mobile hom	ne parks, apartment	complexes, and	mass gathering f	facilities.
26	Property Protection	City	01/09/2020	01/09/2025	LOC; PDM
		Administrator			
•	repair or retrofit public pro	operties with wind-r	esistant materia	ıls (i.e. metal roo	fing, siding,
etc.) to decrease	e damage due to wind.		1		_
29	Property Protection	City Engineer	01/09/2020	01/09/2025	LOC; Other
	develop agreements for e		be used for a v	ariety of disaster	r-related
	severe storms and/or eva		1	T	1
25	Property Protection	City	01/09/2020	01/09/2025	LOC
		Administrator		<u> </u>	
•	research and identify reso		•	•	
•	ial funding to pay for landf	ill tees or finding fac	cilities that will re	eceive debris for	reduced
rates.			04/00/2000	04/00/2025	
30	Property Protection	City Engineer	01/09/2020	01/09/2025	LOC
	establish, maintain, impro		public warning a	and notification s	systems
· · · · · · · · · · · · · · · · · · ·	ot-in systems, outdoor war		04 /00 /2020	04 /00 /2025	LOC ST
32	Public Information	City	01/09/2020	01/09/2025	LOC; ST;
0 C Th a City		Administrator		<u> </u>	Other
•	maintain building regulation	ons and land-use pla	inning practices	that encourage r	esponsible
development in 31		City	01/09/2020	01/09/2025	LOC; ICC
21	Property Protection	City Administrator	01/09/2020	01/09/2025	LOC, ICC
9 7 The City will	work to develop a local, af		l anal county-wide	l a public safoty co	l mmunication
•	capability for multi-discipl		•	•	Jiiiiiuiiicatioi
33	Public Safety	Fire Chief	01/09/2020	01/09/2025	LOC; Other
	work to fill gaps in warning			. , ,	
•	rse 911 capabilities, and by				g 311 C113,
34	Public Information	Fire Chief	01/09/2020	01/09/2025	LOC; ST;
3.		l ii e einei	01,03,2020	01,03,2023	Other
8.9 The City will	advocate and support the	hardening of utilitie	s (distribution li	nes, generating r	l .
other system co		0		, 0	,
27	Property Protection	City	01/09/2020	01/09/2025	LOC; ICC;
		Administrator			Other
8.10 The City wi	II identify alternate/back-u	p utility resources for	or use when prin	nary source is co	mpromised
(generators, red	lundant suppliers, etc.).				
28	Property Protection	City Engineer	01/09/2020	01/09/2025	LOC; Other
Goal 9 – Water	Quality: Tiffin will work to	improve the safety	of the water su	pply whether it	is sourced
from private we	ells or public or privately-o	wned water treatm	ent systems.		
9.1 The City will	advocate for improvemen	ts to water treatmer	nt plants, includi	ng enhanced sec	curity and
protection, prot	ection of wells and reservo	oirs, enhanced water	testing and mo	nitoring capacity	, and
	nent canabilities				
improved treatn	nent capabilities.				
improved treatn 42	Natural Resource	City	01/09/2020	01/09/2025	LOC; Other

Priority	Action Type	Lead	Start Date	End Date	Funding		
9.2 The City will advocate for reduced runoff from upstream properties to reduce the harmful chemical							
residue in the wa	residue in the water, and to reduce contamination of raw water for the city's treatment plant.						
43	Property Protection	City Engineer	01/09/2020	01/09/2025	LOC; Other		
9.3 The City will	work for early and pro-act	ive collaboration bet	tween jurisdictio	ns regarding spi	lls or leaks		
into the water su	upply through seepage into	o wells, aquifers, res	ervoirs or water	ways that will ev	entually		
affect local wate	r quality.						
44	Natural Resource	City	01/09/2020	01/09/2025	LOC; Other		
	Protection	Administrator					
Goal 10 – Winter Storms: Tiffin will lessen damages suffered from severe winter storms and blizzards.							
10.1 The City will work to plow and clear city-maintained roadways to facilitate emergency traffic, necessary							
travel, and business access.							
46	Property Protection	City Engineer	01/09/2020	01/09/2025	LOC		
10.2 The City will develop collaborative efforts with environmental and water quality advocates to more							
accurately determine risk to groundwater resources in the county and work together to adequately and							
effectively prevent contamination of the groundwater through snow removal and salting of icy roads.							
47	Natural Resource	City	01/09/2020	01/09/2025	LOC; Other		
	Protection	Administrator					

3.4 IMPLEMENTATION

The identified mitigation strategies are general actions that could be taken to reduce the negative impact of disasters and large-scale emergencies. For a strategy to become an actionable item, it must be converted to a specific project with funding, action steps, timelines, and project goals. For example, a project to acquire and demolish a repetitive loss property must begin with identification of the specific property to be acquired and funding for the project. The property owner must agree to accept the buy-out and use the money to purchase another home. The jurisdiction must accept its share of cost, planning responsibility, and project management roles. Only then can the actual project be executed. A similar process must be followed for any of the strategies identified here to become projects.

The Seneca County EMA will monitor the implementation of these strategies through ongoing communication with jurisdiction officials and stakeholders. When mitigation grants or other funding sources become available, reasonable efforts will be made to secure funding. For strategies that must be funded through local budgets, jurisdictions will work diligently to identify local funding sources that can be used to address disaster vulnerability. When funding is secured, a detailed project timeline will be developed and action steps taken to complete the project. Upon completion, the jurisdiction will evaluate project effectiveness and share that information with the EMA and planning team for consideration in developing future projects.

There may be instances when a potential mitigation project would be most efficiently initiated, managed, and administered by a property owner, special district, or a nonprofit organization. Examples might include a non-profit property owner or a property owners' association, an institution of higher learning, school district, utility district, or a service district. In such cases, the jurisdiction having authority might delegate grant application and administration directly to that entity in the interest of efficiency and effectiveness. They may delegate various rights and responsibilities to that entity, including, but not limited to, project oversight, vendor procurement, and construction. This delegation might be done in consideration of staffing and oversight capabilities, timeliness of work performance, or logistics. The authority having jurisdiction (county, city, or village) will require that all building codes, floodplain regulations, and other development and land use regulations be followed and will verify that compliance was enforced. Non-governmental and external entities performing this work will be required to comply with all rules, procedures, and grant terms and conditions. All permits will be reviewed and issued by the appropriate local authority and all inspections and final occupancy approvals will be given by the designated local or state. This delegation will be done in a way that does not compromise or reduce the collaborative efforts of mitigation planning, land use planning, or development regulations in Seneca County.

The collaboration between stakeholders used to develop these strategies was the most valuable part of the mitigation planning process for Seneca County. Developing this plan required stakeholders to evaluate hazards and risks in their community through extensive collaboration and conversation. They were required to examine the local community, predict where and under what conditions damages would occur, and identify opportunities to reduce or eliminate those potential damages. The solutions, currently in the form of mitigation goals

and actions that will ultimately develop into projects, had to be developed to maximize benefit to the community while minimizing cost. This process required whole community involvement so that all sectors of the community were represented in the planning process.

Seneca County ultimately developed comprehensive, relevant, and effective solutions to their unique risks and vulnerabilities. Given the availability of funding, personnel, and support, Seneca County and its jurisdictions are positioned to move forward and implement these strategies and accomplish their goal of making the county more disaster resilient.