

### 3.0 MITIGATION STRATEGIES

As Seneca County’s mitigation planning team and stakeholders from the broad community developed mitigation goals and strategies for the county, their goal was to address the specific risks and vulnerabilities of each jurisdiction. While many strategies are similar from jurisdiction to jurisdiction, each community’s stakeholders expressed their unique circumstances and crafted strategies to address their specific issues. The result is a set of comprehensive and customized mitigation goals and strategies that address the needs of each jurisdiction.

By using consistent expression in writing the strategies, it will enable the various jurisdictions to work together to achieve goals. The detailed uniqueness of implementing each strategy from community to community can be accomplished without compromising the integrity of the collaboration between communities.

Strategies have been developed for the unincorporated parts of the county, and are listed as “Seneca County”. The specific area covered by this section includes all of the townships, or rural areas that are primarily used for production agriculture on family or corporate farms, for agri-businesses services and sales, or feed production, or for rural residential homes. This also includes the census designated areas and neighborhoods outside the municipalities in rural areas that have no governing structure. There are a few small businesses spattered about the rural areas, and sections where individual homes have been built. Most of the small businesses serve the residents who live in Seneca County or nearby; some are larger industries.

Villages are all listed individually in each strategy. These incorporated communities include the villages of Attica, Bettsville, Bloomville, New Riegel, and Republic. The Village of Green Springs participates in the Sandusky County Mitigation Plan. Tiffin and Fostoria are the two cities; Fostoria lies, in part, in three counties but is part of the Seneca County mitigation plan. All incorporated and city-owned facilities are included in the Seneca County mitigation plan. These municipalities are similar yet unique in disaster vulnerability, and very like one another in some mitigation needs; therefore, many strategies include each of them. Sometimes, due to a unique characteristic or quality, a village or two are not included on specific strategies. Likewise, a need may be unique and only include one or two municipalities. One of the biggest differences is that several communities are not inside floodplains and sit at relatively high elevations compared to the others. They, therefore, have limited flooding concerns.

The villages have limited capability to engage in major mitigation projects, nor do they have the budget to support large projects. They provide few services and have limited responsibilities because of their size. A less assertive approach to mitigation has been taken in those villages in an effort to right-size their mitigation efforts to their capabilities. They rely upon the county to assist with efforts. Most development is driven toward the cities because that is where the infrastructure exists to support businesses, so the villages are generally residential communities.

Each of the municipalities and Seneca County will formally adopt the mitigation plan, and their official, as listed, will act as the champion of strategy promotion and annual review. Some have paid staff and others do not, but Seneca County, Tiffin, and Fostoria are fully staffed jurisdictions. Republic, Bloomville, and Attica have limited staff to engage in and lead projects that are consistent with the village size and scope.

### **3.1 STATUS OF PAST MITIGATION EFFORTS**

The immediately preceding Seneca County Hazard Mitigation Plan was developed and adopted by the Seneca County Commissioners on January 7, 2020. That plan's federal approval status expires on January 26, 2025.

In the previous plan, the planning committee developed mitigation actions for implementation. They chose action items in consideration of past incidents, potential losses, and practical factors. Each municipality and the county developed a set of mitigation actions.

Section 07 Strategy Status 2020 HMP shows the status of each of those potential actions included in the previous hazard mitigation plan. Respondents were usually the jurisdiction officials who would be most aware of any activities over the past five years, and were also involved in the development of strategies for the 2025 hazard mitigation plan. As appropriate, other officials in administration, engineering, utilities and public works, and public safety were involved in completing the mitigation strategy surveys.

The Section 07 Strategy Status work sheets show how those mitigation actions' status was described in those surveys.

- Completed: Strategy was completed as written and is not of a continuing nature.
- Deleted: Strategy determined to be impractical or not affordable, and was not done.
- On Schedule: Strategy is applicable and feasible but is not yet complete, or is of an ongoing nature.
- Delayed: Strategy was delayed due to lack of resources but may still be needed.

Respondents were also asked to state whether the strategy should be included or not included in the 2025 hazard mitigation plan.

### **3.2 RISK PRIORITIES**

The HIRA (Section 02 of this plan) explains in detail the assessment and analysis of natural hazards in Seneca County. The HIRA takes into account the total list of hazards possible in the county, the frequency (probability) with which each occurs, the severity (magnitude) that each hazard displays upon impact in the county, and the outcomes (impact and damages) caused by the incidents. The potential for harm to underserved and disadvantaged populations was assessed in this plan as part of the new mitigation guidance, and involved new partners and stakeholders in the discussions. Those factors are all explained in the HIRA, as well as descriptions of the hazards and how each would impact various locations and populations in the county.

As a result of that assessment and analysis of hazards and consequences, the Seneca County Mitigation Planning group established the following hazard priorities, listed from highest hazard to lesser hazards in descending order of threat: severe storms (tornado and high wind, thunderstorm with lightning, hail, heavy rainfall, and winter storms), infrastructure failure, flood (riverine, surface, flash, areal, and sewer backup), water quality issues, hazardous materials spills and releases, dam failure, land subsidence, drought and extreme heat, invasive species, and earthquake. Note that for the purposes of continuity and implementation, all severe storms are considered together, and include all heavy precipitation, wind, and extreme temperature types of hazards into one category.

Severe storms were the highest concern. A thunderstorm in Seneca County is a combination of several threats, and may include heavy rain, high wind, multiple tornadoes, hail, and lightning. Any combination of those components can occur, and can change with each incident. With recent changes in weather patterns, thunderstorms and tornadoes are occurring at all times of the year, and tornadoes have come in clusters as well as one at a time. The rainfall is heavier and greater within each storm, and storms can easily arrive in succession, with several warnings and incidents in the same week. Winds seem to be increasing, but that is not yet markedly apparent in averaged statistics. These are damaging and costly because they often are not severe enough to cause a declaration after they strike, or even insurance claims, but they result in damages frequently and repeatedly. Many residents in Seneca County are insured, but the damages often cost not much more than their deductibles, and repeated claims result in cancellation by the insurance companies or significantly raised premiums. Many individual claims are paid privately or simply not repaired. These costs are not reflected in FEMA's storm damages data.

Tornado is considered a part of severe thunderstorms because they occur as part of a front of thunderstorms, and not by themselves. The area experiences unstable storm fronts with changing temperatures ahead of and behind it almost year-round. This situation can spawn tornadoes quite easily. As fronts form in the Midwest and move across Illinois and Indiana into Ohio, rotational winds develop. It is common for funnel clouds to form and cross Seneca County, and they frequently touch down in the area. While the county is not heavily populated, tornadoes do damage farmsteads, homes, and commercial property in rural areas as well as five villages and two cities. There is rarely damage to sufficient property to declare an emergency and most losses are covered by property owners unless they are catastrophic.

Wind is also a part of severe storms, and a significant hazard that usually comes with heavy rain and tornadoes in Seneca County. Again, the wide-open expanse of land without tree lines, wooded areas, and other windbreaks makes Seneca County properties prone to wind damage. The countryside is peppered with grain bins, feed silos, elevator legs on grain bins, and barns and storage buildings for farm equipment and livestock. This property is vulnerable to wind damage and is unprotected. Winds in storm fronts can easily reach 35-50 miles per hour in any given storm. This kind of wind can topple trees, damage roofs and siding, destroy grain operations, and take out utility poles. Although rare, severe storms can include bursts of wind that are in excess of 50 miles per hour, and the damage can then include downed trees, fallen

utility towers and poles, and destruction of farm buildings. Because this wind occurs in northwestern Ohio when weather fronts move into the area, the wind can be associated with extreme changes in temperature, severe thunderstorms and tornadoes, or blizzards. Strategies for wind focus on elimination of debris potential, hardening of utility distribution systems, and use of wind-resistant building materials and wind-wise construction practices

Winter storms are mostly inconvenient because they close businesses and schools, and delay activities until roads can be cleared. This causes an economic impact when workers are not paid, or paid without productivity, and businesses are closed. Schools are closed, so parents miss work to care for children, losing wages by staying home. Minor and major accidents happen frequently, and traffic is disrupted. However, in Seneca County, these storms can include ice and wind, and result in power outages, flooding when the snow melts later on, and isolated communities during blizzard conditions. The preparation for and response to these storms is expensive when cascading hazards cause mounting costs for the residents of the county. The cost to jurisdictions, especially when snow blows and drifts, is extensive. Wear and tear on heavy equipment and personnel is difficult.

Infrastructure failure was the second category of hazards that concern Seneca County residents. Power outage was a serious concern countywide. All hazards can be managed, and present far fewer challenges when electricity is working. When power goes out, especially for long periods of time, everything becomes more difficult. With an aging population and a fairly high percent of disabled individuals, operational electrical service is critical to just about everything to be done in a day. Dependency upon medical equipment, the need to travel for medical or custodial care, and the need for medical supplies is extremely challenging when power does not flow. Again, schools and businesses close and commerce stops. If this occurs at the same time as extreme temperatures, families are left in an extremely uncomfortable and sometimes unhealthy circumstance.

Other infrastructure concerns included failure of water treatment and distribution systems, and stormwater management infrastructure. Without water, and without the ability to direct and contain stormwater, flooding is much more serious. Communications infrastructure, including the towers, lines and relay stations necessary to transmit signals, is critical to any disaster response or recovery. Without communication, the county is severely impaired to function.

Flooding is the fourth highest ranking concern in Seneca County. The flat terrain makes natural drainage slow and dependent upon storm sewer capacity, especially when heavy rain falls quickly, or significant snow melt occurs rapidly. Sometimes with local fluctuation in winter temperatures, both heavy rain and rapid snow melt are simultaneous, and that worsens flooding. In many cases of heavy or extended rainfall, flash flooding occurs because streets don't drain quickly, storm sewers are either non-existent or they are easily overwhelmed, or low-lying areas cannot drain without sunshine and the evaporation process to aid in removing standing water. The villages tend to deal with flooded streets on a regular basis, and homeowners have wet basements at the same time. The floodwaters are usually measured in inches, and damages are, for the most part, not significant when measured against FEMA

damage assessment criteria. However, the damages are expensive for homeowners and disruptive for everyone. The underserved and disadvantaged populations suffer more than others when their lives are disrupted, and often lack the resources to recover from these incidents. Often, these groups live in homes that are far more susceptible to damage because they are less well-maintained, and are located in more flood-prone areas than homes in better condition.

Flood strategies focus on structural options such as retention and detention of water, elevation of structures, and water management systems and practices. Land use regulation is used to prevent unwise construction inside flood zones. Actions can also include facilitation of drainage through system improvements and waterway maintenance. Acquisition, demolition, and relocation projects are a likely solution for repetitive and severe repetitive loss properties. Consideration of social issues such as sheltering, providing transportation services, the need for linguistic and translation resources, and other needs of underserved and disadvantaged populations were added to this update to ensure that these populations are served during times of need.

Mitigation strategies for drought and extreme heat include additional public information, enhanced warning and notification, and hardening of the water supply through emergency planning and capital improvements. Stakeholders spoke about the need to identify emergency sources of bottled water and bulk water for residents during extended outages. They also discussed dependence upon a power grid that might not be able to support the load of customers during an extended high-use period with excess demand on the system to provide either heat or air conditioning, especially for the medically disadvantaged.

Concern about invasive species – nuisance insects, disease-carrying bugs or wild animals, nuisance wildlife, pesky plants and noxious weeds – was slight. Memories of the debris issues and toppling trees due to the Emerald Ash Borer were discussed, and a worst-case scenario might look like a repeat of that infestation with a different villain. Spotted lanternflies, poison hemlock, and a wide variety of pests that threaten crops, landscaping, and natural areas or lawns were recognized as a potential, costly, aggravating problem. They also included in this threat are things like avian influenza that is showing some signs of spreading to other species, and its detrimental effects on production agriculture and livestock operations.

With federal and state highways crossing the county, hazardous materials incidents on highways are a big concern. The miles of rail add to that concern, especially as derailments occur in other locations across the nation. With few cities and lots of wide, open rail, trains travel at high speeds across the rural landscape. Trucks move at high speeds as well on the federal highways and larger state highways. This allows for crashes that cause the release of chemicals through container failure and propulsion. Contaminants can be solid, liquid, or vapor. With some rail lines crossing through municipalities, and all highways intersecting municipalities too, hazardous materials release is concerning to Seneca County.

Dam failure is a hazard only for those areas in proximity to a major dam. The six reservoirs in Fostoria are a huge concern for the city. The fact that these dams are located in Hancock County but are the full responsibility of Fostoria makes funding them more cumbersome and confusing. Failure could be catastrophic, and affect approximately homes within the inundation zones. Additionally, there are other reservoir type dams in Seneca County that are considered a risk. Two are high hazard structures and others are of lesser threat. These are also reasonably maintained, but they do not all have emergency action plans, and are not required to have them. There are several small and unclassified dams that are spread across the rural areas of the county.

Seneca County has an extremely low incidence of earthquake activity. The majority of the vulnerable property is either underground utilities, such as water and wastewater lines, or above-ground grain operations on county farms, including elevators and conveyors. Most damage would be to private property, and most of it applies to agricultural grain-storage associated structures. Due to the lack of earthquake history, the planning group felt it was a very low risk, and therefore strategies focused on community awareness and assessment of true potential damage should an earthquake occur. Strategies for earthquake include assessment of vulnerability, robust warning and notification systems and public information.

Social vulnerability and community resilience were addressed in strategies that support existing services and plans in place to use those services. The Seneca County Emergency Management Agency has established and maintains an Emergency Operations Plan (EOP) that identifies agencies and departments to act in disasters, and assigns specific roles and responsibilities to each one. This plan ensures that community lifelines are maintained, and core capabilities are established with each agency or department. This mitigation plan works in concert with the EOP whereby underserved and disadvantaged populations are supported after disasters, and by whom. These standards were addressed in this manner to remain consistent and supportive of other statutory responsibilities of county officials and departments, and to maintain attention to these issues in a single area for effective management and consideration. Seneca County's EOP was updated within the past five years, and updates continue on a rotational basis for specific sections of the plan.

The strategies in this plan are intended to provide general options to lessen the vulnerabilities in Seneca County. During the planning process, the planning team and stakeholders determined what hazards strike most frequently, which cause the most disruption, and which consequences feasibly can be prevented or lessened. With limited money and staff available to conduct mitigation projects, the planning team weighed every potential effort by measuring the benefit against the resources realistically available to conduct the activity. The planning team endeavored to prioritize strategies that could realistically be accomplished and result in actual reduction in potential and real losses.

As strategies were developed, the capacity of the jurisdiction to execute the action was considered very important; without the staff or volunteers to initiate, manage, administer and complete a project, the action would not likely be successful. Therefore, priority was given to

those issues within communities that had caused documented damage or difficulty in the past, and then the cost of that consequence. This practical and feasibility-based decision-making process was intended to set communities up for success in mitigating proven damages and helping people with documented needs.

Considerations of cost, identifiable funding to support the strategy, actual benefit to the community, prevention of loss of life, and overall feasibility were all discussed. Strategies were rated against one another and ranked from most to least important. While it is impossible to plan for or foresee every potential hazard, Seneca County attempted to identify the incidents that might realistically impact their community. These goals and strategies are an outcome of that assessment.

### **3.3 MITIGATION GOALS AND STRATEGIES**

Planning Team members and stakeholders from the county and each jurisdiction worked collaboratively to develop fitting mitigation goals and strategies. Each jurisdiction was given a list of current strategies to select which would continue into the new plan, as well as an extensive list of additional strategies that would address new plan requirements. These new potential strategies addressed, generally, community and economic development, community collaboration, social vulnerability, public safety services, and community resiliency. The Contractor drafted strategies based on the input provided by these stakeholders. The draft strategies were presented to the planning team and community for public review and comment, and modified accordingly. This section identifies the mitigation goals and strategies for each jurisdiction and the priority level, action type lead agency, timeline, and potential funding source assigned to each action. Strategies for specific municipalities vary from the countywide in priority of the problem and the potential solution.

#### **3.3.1 Seneca County and Municipalities**

Seneca County jurisdiction mitigation strategies are intended to reduce vulnerability to damage from wind, water, severe storms, hazardous materials incidents, invasive species, drought and extreme heat, dam failure, and earthquake. The “Seneca County” identified goals and strategies include all non-incorporated areas of the county, such as townships and census areas or neighborhoods. The ones labeled with a municipal name include that incorporated area.

All of these strategies will be considered as economic development and growth is guided, as regulations are written and revised, and as codes and guidance is enforced and approved. The Tiffin-Seneca Economic Partnership and Fostoria Community Improvement Corporation, as well as individuals active in community and economic development were a robust part of the planning team, and understand the mitigation issues at hand. While the EMA Director helped in coordinating this entire process, he was also a participating member of the planning team, considering his role in collaborative and cooperative roles in mitigation amid development. The county’s fire chiefs, as the lead fire official in code compliance and enforcement, were actively engaged in these efforts as well. The Seneca County Commissioners, as the overall leadership of all departments and individuals, played a tremendously positive and reinforcing role by participating in meetings, and working behind the scenes to support and encourage

engagement and implementation. These strategies will be reflected as local regulation is considered, zoning rules are enforced, land use regulations are enforced, economic development goals and strategies are planned and achieved, capital improvement plans are created, and budgets are managed. Projects will be conducted as funding is available, and daily practices will be adjusted to include modifications of work that include these strategies.

Many of the villages lack the budget to implement mitigation or public works projects; therefore, they may be, at some time, dependent upon county resources to help them. They have volunteer officials and frequently no paid staff. They would depend upon the county officials to support them in any implementation or grant application or administration. However, they participated in the process to the fullest of their ability.

As the Seneca County Commissioners represent the townships in mitigation efforts, they will communicate with the township trustees whose jurisdictions are affected. This is typically the manner in which township issues are addressed. As the county acts on behalf of the townships when it comes to mitigation efforts, as it does with other federal and state programs, the townships will fulfill their responsibility to enforce and comply with land use regulations and building codes. The county officials will work with township trustees to ensure that smart development takes place to create sustainable communities in these rural sections of the county.

This tiered partnership between levels of local government is not new and stems from statutory procedures. Seneca County and townships have worked together in this way for many years. For example, they work together now to recruit new business and industry, and to develop more housing for individuals and families. Because township trustees are often volunteer officials, county commissioners take official action to benefit the townships as a cooperative effort with the trustees, especially where federal grants or requirements are concerned. Today's effort to include hazard mitigation in rural community development is an effort of collaboration.

The following table lists the mitigation actions determined to be needed in stakeholder meetings. The jurisdictions listed in each strategy, or action, are those that determined the need to take that particular action. Not all jurisdictions selected all mitigation actions, and some are relevant only to the county because of its role in the tiered system of governance. If a jurisdiction is not listed under an action, that particular action is not relevant to that jurisdiction. All jurisdictions have at least one mitigation strategy for every hazard they selected as relevant to their jurisdiction. Some actions are Seneca County only actions and others include only select municipalities where that particular strategy has the potential to be implemented. All strategies are relevant to the full validity period of this mitigation plan. Ranking was assigned in accordance with the hazard ranking in each community as the probability, frequency and magnitude of a threat are directly linked to the cost, displacement, disruption, and damage caused by it.



**Table 3.2: Mitigation Goals and Strategies**

Goal						
Mitigation Action						
Jurisdictions	Rank	Action Type	Lead Agency/Person	Start Date	End Date	Funding Source
<b>Goal 1: The jurisdiction will reduce the vulnerability to dam failure.</b>						
<b>Hazard: Dam and Levee Failure</b>						
Mitigation Action 1.1: The jurisdiction will work with dam/reservoir and sewage treatment lagoon owners to create, maintain and update emergency action plans and all associated procedures for dams within or nearby the jurisdiction, with special focus on high-hazard dams, inundation zones and projected times, warning and notification procedures for responders and affected property owners, and roles and responsibilities of key people.						
Seneca County		Property Protection	EMA Director	1-15-25	1-14-30	LOC USACE Other
Attica		Property Protection	Mayor	1-15-25	1-14-30	
Fostoria		Property Protection	Safety Service Director	1-15-25	1-14-30	
Mitigation Action 1.2: The jurisdiction will work with the dam owner to ensure that first responders in whose jurisdiction the dam is located are familiar with the emergency action plan and have proper procedures in place to manage an incident that could occur, and that clear lines of emergency communication are identified and shared with all appropriate parties prior to any emergency; information to share with the public should also be formulated and a process developed to distribute it.						
Seneca County		Natural Resource Protection	EMA Director	1-15-25	1-14-30	LOC
Mitigation Action 1.3: The jurisdiction will support, facilitate, and advocate for dam owners in the repair and refurbishment of any high hazard dam that poses a danger to the nearby community due to ill repair, damage, or structural insufficiency, as well as debris damages to nearby properties should the structure fail.						
Seneca County		Property Protection	EMA Director	1-15-25	1-14-30	LOC
Attica		Property Protection	Mayor	1-15-25	1-14-30	
Tiffin		Property Protection	Engineer	1-15-25	1-14-30	
Mitigation Action 1.4: The jurisdiction will identify damage and deterioration to jurisdiction owned dams, reservoirs, and lagoons and will make improvements to strengthen, harden, and protect the structures from storm, water or other damages as well as general wear and tear.						
Fostoria		Property Protection	Safety Service Director	1-15-25	1-14-30	LOC Other
Tiffin		Property Protection	Engineer			
<b>Goal 2: The jurisdiction will reduce the vulnerability to drought and extreme heat.</b>						
<b>Hazard: Drought and Extreme Heat</b>						
Mitigation Action 2.1: The jurisdiction will identify resources to provide potable water to residents during drought with or without extreme heat, and/or a lengthy water service outage.						
Seneca County		Prevention	EMA Director	1-15-25	1-14-30	LOC
Mitigation Action 2.2: The jurisdiction will advocate and support the hardening of water supply infrastructure to include alternate sources of potable water, as well as the protection of collection and treatment plants and distribution systems.						
Seneca County		Natural Resource Protection	AQUA Ohio Mgr. Seneca Co. Engineer	1-15-25	1-14-30	LOC
Attica		Natural Resource Protection	Mayor	1-15-25	1-14-30	
Bloomville		Natural Resource Protection	Water Supt.	1-15-25	1-14-30	
Fostoria		Natural Resource Protection	Safety Service Director	1-15-25	1-14-30	

Republic		Natural Resource Protection	Village Administrator	1-15-25	1-14-30	
Tiffin		Natural Resource Protection	City Manager	1-15-25	1-14-30	
Mitigation Action 2.3: The jurisdiction will establish water conservation procedures to be used, when necessary, in drought conditions.						
New Riegel		Natural Resource Protection	Administrator	1-15-25	1-14-30	LOC
Mitigation Action 2.4: Encourage individual households to establish and maintain an adequate supply (at least three days) of emergency bottled water for household use, including water needed by animals in the home, and to rotate supplies so they are always ready to use.						
Seneca County		Public Outreach	EMA Director	1-15-25	1-14-30	LOC
Attica		Public Outreach	Administrator	1-15-25	1-14-30	
Bettsville		Public Outreach	Mayor	1-15-25	1-14-30	
Fostoria		Public Outreach	Safety Service Director	1-15-25	1-14-30	
New Riegel		Public Outreach	Mayor	1-15-25	1-14-30	
Mitigation Action 2.5: The jurisdiction will promote and facilitate the development of additional tree canopy where insufficient canopy exists to help with extreme temperatures by providing shade.						
Seneca County		Natural Resource Protection	Natural Resource Conservationist	1-15-25	1-14-30	LOC
Attica		Natural Resource Protection	Mayor	1-15-25	1-14-30	
Bettsville		Natural Resource Protection	Mayor	1-15-25	1-14-30	
Fostoria		Natural Resource Protection	Safety Service Director	1-15-25	1-14-30	
New Riegel		Natural Resource Protection	Mayor	1-15-25	1-14-30	
Tiffin		Natural Resource Protection	City Manager	1-15-25	1-14-30	
Mitigation Strategy 2.6: The jurisdiction will help residents and business owners prepare for extreme temperature conditions by suggesting and supporting acquisition of bottled water supplies, cooling fans, alternate heating devices, the use of smart building materials to withstand extreme temperatures or to resist excess warmth or cold, and to encourage redundancy for HVAC systems at facilities that house vulnerable populations.						
Seneca County		Property Protection	EMA Director	1-15-25	1-14-30	LOC
Attica		Property Protection	Mayor	1-15-25	1-14-30	
Bettsville		Property Protection	Mayor	1-15-25	1-14-30	
New Riegel		Property Protection	Mayor	1-15-25	1-14-30	
<b>Goal 3: The jurisdiction will reduce vulnerability to earthquake.</b>						
<b>Hazard: Earthquake</b>						
Mitigation Action 3.1: The jurisdiction will identify and quantify vulnerable property, people, and potential damages and costs from a 5.0 earthquake within 20 miles.						
Seneca County		Property Protection	EMA Director	1-15-25	1-14-30	LOC USACE
Attica		Property Protection	Mayor	1-15-25	1-14-30	
Bettsville		Property Protection	Administrator	1-15-25	1-14-30	
Bloomville		Property Protection	Mayor	1-15-25	1-14-30	
Fostoria		Property Protection	Administrator	1-15-25	1-14-30	
New Riegel		Property Protection	Administrator	1-15-25	1-14-30	

Republic		Property Protection	Director of Administration	1-15-25	1-14-30	
Tiffin		Property Protection	Mayor	1-15-25	1-14-30	
Mitigation Action 3.2: The jurisdiction will identify resources, suppliers, equipment and facilities necessary to provide for the eight community lifelines after an earthquake, including the sheltering and caring for residents.						
Seneca County		Property Protection	EMA Director	1-15-25	1-14-30	LOC
Attica		Property Protection	Mayor	1-15-25	1-14-30	
Bettsville		Property Protection	Administrator	1-15-25	1-14-30	
New Riegel		Property Protection	Mayor	1-15-25	1-14-30	
Mitigation Action 3.3 The jurisdiction will refine local emergency plan procedures for earthquake response to ensure that lives and property would be as protected as possible through warning and notification, protective actions, and dissemination of accurate and timely information.						
Seneca County		Property Protection	EMA Director	1-15-25	1-14-30	LOC
<b>Goal 4: The jurisdiction will reduce vulnerability to and loss from all types of flooding.</b>						
<b>Hazard: Pluvial flooding (surface, flash, areal); Fluvial flooding (riverine); Storm-water back up</b>						
Mitigation Action 4.1: The jurisdiction will clear ditches, streams, creeks and road ditches of debris, crop fodder, obstructions, and fallen trees to facilitate adequate drainage due to heavy rains, flat terrain, and old drainage systems when the waterway is part of the county ditch maintenance program, and will advocate for other appropriate waterways to become part of the ditch maintenance system through the proper process.						
Seneca County		Property Protection	Engineer	1-15-25	1-14-30	LOC
Attica		Property Protection	Mayor	1-15-25	1-14-30	
Tiffin		Property Protection	City Manager	1-15-25	1-14-30	
Mitigation Action 4.2: The jurisdiction will maintain, or establish where not in place, NFIP participation, and will support flood loss reduction through regular review and update of floodplain regulations, and will actively participate in the development and adoption of new flood risk maps as that process occurs.						
Seneca County		Property Protection	Nutrient Tech./FPM	1-15-25	1-14-30	LOC
Attica		Property Protection	Mayor	1-15-25	1-14-30	
Bettsville		Property Protection	Mayor/FPM	1-15-25	1-14-30	
Bloomville		Property Protection	Water Supt.	1-15-25	1-14-30	
Fostoria		Property Protection	Zoning Insp./FPM	1-15-25	1-14-30	
New Riegel		Property Protection	Mayor	1-15-25	1-14-30	
Republic		Property Protection	Village Administrator	1-15-25	1-14-30	
Tiffin		Property Protection	Engineer/FPM	1-15-25	1-14-30	
Mitigation Action 4.3: The jurisdiction will review, update, apply and enforce existing land use regulations, zoning rules, commercial building codes, and other permit processes as development tools, especially in areas with flood vulnerability.						
Bettsville		Prevention	Mayor	1-15-25	1-14-30	LOC; ICC Plus-Up
Bloomville		Prevention	Zoning Inspector	1-15-25	1-14-30	
Fostoria		Prevention	Zoning Inspector	1-15-25	1-14-30	
Tiffin		Prevention	Zoning Inspector	1-15-25	1-14-30	
Mitigation Action 4.4: The jurisdiction will work to repair, upgrade, replace and add storm sewers and associated structures and devices to improve drainage after heavy rainfall and/or severe storms.						
Attica		Property Protection	Engineer	1-15-25	1-14-30	BRIC HMGP; FMA CDBG Ohio EPA ICC
Bloomville		Property Protection	Administrator	1-15-25	1-14-30	
Fostoria		Property Protection	Administrator	1-15-25	1-14-30	
Republic		Property Protection	Administrator	1-15-25	1-14-30	

Mitigation Action 4.5: The jurisdiction will utilize acquisition and relocation programs, or retrofit options, when property owners elect to relocate after repeated or extremely severe damage from flooding, and when their properties qualify for such programs.						
Seneca County		Prevention	EMA Director	1-15-25	1-14-30	FMA HMGP BRIC
Attica		Prevention	Engineer	1-15-25	1-14-30	
Bettsville		Prevention	Mayor	1-15-25	1-14-30	
New Riegel		Prevention	Mayor	1-15-25	1-14-30	
Republic		Prevention	Mayor	1-15-25	1-14-30	
Tiffin		Prevention	City Manager	1-15-25	1-14-30	
Mitigation Action 4.6: The jurisdiction will utilize structurally engineered water control structures like storm sewers, reservoirs, retention and detention ponds, dams, levees, dikes, floodwalls, and others not listed to control flooding in commercially and residentially developed areas and properties.						
Seneca County		Structurally Engineered Projects	Engineer	1-15-25	1-14-30	HMGP BRIC FMA CDBG Ohio EPA ICC ST
Attica		Structurally Engineered Projects	Mayor	1-15-25	1-14-30	
Bettsville		Structurally Engineered Projects	Administrator	1-15-25	1-14-30	
Fostoria		Structurally Engineered Projects	Administrator	1-15-25	1-14-30	
Tiffin		Structurally Engineered Projects	Administrator	1-15-25	1-14-30	
Mitigation Action 4.7: The jurisdiction will work to facilitate and advance repairs and improvements to railroad-owned culverts, bridges, overpasses, abandoned track sections, and crossings that are in disrepair or are inadequately or incorrectly sized.						
Seneca County		Property Protection	Engineer	1-15-25	1-14-30	LOC Other
Tiffin		Property Protection	Administrator	1-15-25	1-14-30	
Mitigation Action 4.8: The jurisdiction will encourage management of surface runoff and chemical residue through techniques such as installation of grassy waterways, creation of infiltration basins and trenches, porous pavement installation, filtration techniques like us of catch basin inserts, sand and organic filters, rain gardens and vegetated filter strips.						
Seneca County		Natural Resource Protection	Engineer	1-15-25	1-14-30	HMGP BRIC H2OH USDA
Fostoria		Natural Resource Protection	Administrator	1-15-25	1-14-30	
Tiffin		Natural Resource Protection	Administrator	1-15-25	1-14-30	
Mitigation Action 4.9: The jurisdiction will protect soil quality by advocating for crop rotation, crop residue management, contour buffer strips, contour farming and strip-cropping, use of cover crops, installation of field borders, rotation grazing, pasture planting, establishment of grassy waterways, grade stabilization structures, water and sediment control basins, critical area planting, diversion, terracing, manure storage and runoff control, nutrient management, pest management, well abandonment, riparian buffers, wetland restoration, windbreaks, woodlot management, tree planting, and creation of upland wildlife habitat on farmland inside, adjacent to, or near incorporated property.						
Seneca County		Natural Resource Protection	SWCD Director	1-15-25	1-14-30	H2OH USDA ST
Fostoria		Natural Resource Protection	Safety Service Director	1-15-25	1-14-30	
Mitigation Action 4.10: The jurisdiction will require developers and/or construction crews in urban development zones to use tools such as chemical stabilization, compost blankets, geotextiles to control soil deterioration, mulching of new plantings, seeding and sodding of areas highly vulnerable to rapid surface runoff,						

installation of grass lined channels, slope diversion for surface runoff, and other methods to reduce the damages to land and property due to heavy and rapid surface runoff or drainage from rainfall or other precipitation or draining water.						
Seneca County		Natural Resource Protection	Engineer	1-15-25	1-14-30	Other LOC
Fostoria		Natural Resource Protection	Safety Service Director	1-15-25	1-14-30	
Tiffin		Natural Resource Protection	City Manager	1-15-25	1-14-30	
Mitigation Action 4.11: The jurisdiction will use stream bank protection measures such as installing dormant woody stakes and posts, planting trees, shrubs and grasses along banks and berms, using gabion revetments, riprap revetments, crib walls, using deflectors to prevent deterioration or other similar methods to protect the banks and berms.						
Seneca County		Property Protection	Engineer	1-15-25	1-14-30	LOC Other
Republic		Property Protection	Administrator	1-15-25	1-14-30	
Tiffin		Property Protection	Administrator	1-15-25	1-14-30	
Mitigation Action 4.12: The jurisdiction will manage stream flow through channel, sedimentation, debris and obstruction and stream ecology management practices.						
Seneca County		Natural Resource Protection	Engineer	1-15-25	1-14-30	LOC
Fostoria		Natural Resource Protection	Engineer	1-15-25	1-14-30	
Tiffin		Natural Resource Protection		1-15-25	1-14-30	
Mitigation action 4.13: The jurisdiction will utilize biotechnical method (placement of willow posts, hardwood tree plantings, fascines, brush layering, evergreen revetments, log revetments, tree kickers, lunger structures, or paced rocks as examples) to minimize the deterioration or destruction of stream banks due to excessive flow.						
Seneca County		Natural Resource Protection	Engineer	1-15-25	1-14-30	LOC
Fostoria		Natural Resource Protection	Safety Service Director	1-15-25	1-14-30	
Republic		Natural Resource Protection	Village Administrator	1-15-25	1-14-30	
Tiffin		Natural Resource Protection	Safety Service Director	1-15-25	1-14-30	
Mitigation Action 4.14: the jurisdiction will identify and implement ways to collect debris in runoff water before it clogs ditches, streams, culverts and other waterway.						
Seneca County		Property Protection	Administrator	1-15-25	1-14-30	LOC HMGP BRIC
Attica		Property Protection	Mayor	1-15-25	1-14-30	
Bettsville		Property Protection	Mayor	1-15-25	1-14-30	
Fostoria		Property Protection	Safety Service Director	1-15-25	1-14-30	
Mitigation Action 4.15: The jurisdiction will work with conservancy districts and other organizations that have an interest in flood prevention and control as well as waterway maintenance.						
Seneca County		Property Protection	Engineer	1-15-25	1-14-30	LOC
Fostoria		Property Protection	Safety Service Director	1-15-25	1-14-30	
Tiffin		Property Protection	City Manager	1-15-25	1-14-30	
Mitigation Action 4.16: The jurisdiction will utilize wetland and natural habitat creation and/or use of vegetative buffers inside waterways to slow the rapid flow of floodwater and/or hold excess storm water.						
Seneca County		Property Protection	Engineer	1-15-25	1-14-30	

Attica		Property Protection	Mayor	1-15-25	1-14-30	HMGP BRIC
Fostoria		Property Protection	Safety Service Director	1-15-25	1-14-30	
Republic		Property Protection	Village Administrator	1-15-25	1-14-30	
Tiffin		Property Protection	City Manager	1-15-25	1-14-30	
Mitigation Action 4.17: The jurisdiction will maintain and enforce floodplain, zoning, and building regulations to manage development in flood-prone areas.						
Seneca County		Property Protection	Engineer	1-15-25	1-14-30	LOC ICC
Bettsville		Property Protection	Mayor	1-15-25	1-14-30	
Republic		Property Protection	Village Administrator	1-15-25	1-14-30	
Tiffin		Property Protection	Mayor	1-15-25	1-14-30	
Mitigation Action 4.18: The jurisdiction will maintain, repair, upgrade and/or replace storm sewers and related systems and increase culvert sizes and bridge spans as necessary to reduce flooding, and will improve and repair roadways and berms damaged by rapid runoff and heavy precipitation. They will acquire and utilize adequate signage for flooded roadways to prevent excess damage through improper use.						
Seneca County		Property Protection	Engineer	1-15-25	1-14-30	BRIC HMGP
Attica		Property Protection	Mayor	1-15-25	1-14-30	
Bettsville		Property Protection	Mayor	1-15-25	1-14-30	
Bloomville		Property Protection	Water Supt.	1-15-25	1-14-30	
Fostoria		Property Protection	Safety Service Director	1-15-25	1-14-30	
Tiffin		Property Protection	City Manager	1-15-25	1-14-30	
Mitigation Action 4.19: The jurisdiction will conduct an awareness campaign for individual flood insurance.						
Seneca County		Property Protection	Floodplain Mgr.	1-15-25	1-14-30	LOC
Bettsville		Property Protection	Floodplain Mgr.	1-15-25	1-14-30	
Mitigation Action 4.20: The jurisdiction will encourage the use of eco-friendly green materials and practices in development, such as green parking policies, green roof materials, and alternate paving materials that promote absorption instead of runoff.						
Seneca County		Property Protection	Engineer	1-15-25	1-14-30	LOC
Mitigation Action 4.21: The jurisdiction will continue to inform property owners of karst water levels that approach flood stage and will advocate for the study of flooding risks specifically attributed to karst characteristics and the prevention of typical karst damages like concrete lifting, tree and foundation damage to private and public property.						
Seneca County		Property Protection	EMA Director	1-15-25	1-14-30	LOC
Bettsville		Property Protection	Mayor	1-15-25	1-14-30	
Mitigation Action 4.22: The jurisdiction will work with property owners, farmers, quarry owners, and other whose land is affected by karst flooding to identify mitigation opportunities that will protect their property.						
Seneca County		Property Protection	EMA Director	1-15-25	1-14-30	LOC
Mitigation Action 4.23: The jurisdiction will elevate structures and infrastructure (buildings, roadways, bridges, culverts, etc.) to prevent flooding of streets, under passes and bridges or culverts.						
Fostoria		Property Protection	Engineer	1-15-25	1-14-30	LOC; HMGP BRIC
Tiffin		Property Protection	City Manager	1-15-25	1-14-30	
Mitigation Action 4.24: The jurisdiction will improve and repair streets, sidewalks and berms damaged by rapid runoff and heavy precipitation.						
New Riegel		Property Protection	Mayor	1-15-25	1-14-30	LOC; HMGP BRIC
Tiffin		Property Protection	City Manager	1-15-25	1-14-30	
<b>Goal 5: The jurisdiction will reduce vulnerability to damages from hazardous materials spills and releases.</b>						
<b>Hazard: Hazardous materials spills, releases, and container failure, pipeline releases, fixed facility failures; equipment failure and human error.</b>						

Mitigation Action 5.1: The jurisdiction will work with the railroads to identify ways to lessen the impact of blocked crossings for emergency safety traffic through developing technological and/or mechanical means to identify blocked crossing and divert traffic in a timely fashion.						
Seneca County		Property Protection	EMA Director	1-15-25	1-14-30	LOC
Attica		Property Protection	Fire Chief	1-15-25	1-14-30	
Bettsville		Property Protection	Fire Chief	1-15-25	1-14-30	
Fostoria		Property Protection	Fire Chief	1-15-25	1-14-30	
Republic		Property Protection	Fire Chief	1-15-25	1-14-30	
Tiffin		Property Protection	Fire Chief	1-15-25	1-14-30	
Mitigation Action 5.2: The jurisdiction will seek funding for and provide training to first responders in areas of technical and special rescue applicable to local needs, and will identify best practices for local technical rescue teams to best organize and manage local resources, especially where hazardous materials are involved in incidents on highways, rail, airports and fixed facilities.						
Seneca County		Response Enhancement	Fire Chief	1-15-25	1-14-30	LOC AFG HMEP HMGP
Attica		Response Enhancement	Fire Chief	1-15-25	1-14-30	
Bloomville		Response Enhancement	Fire Chief	1-15-25	1-14-30	
Fostoria		Response Enhancement	Fire Chief	1-15-25	1-14-30	
New Riegel		Response Enhancement	Fire Chief	1-15-25	1-14-30	
Republic		Response Enhancement	Fire Chief	1-15-25	1-14-30	
Tiffin		Response Enhancement	Fire Chief	1-15-25	1-14-30	
Mitigation Action 5.3: The jurisdiction will work to ensure that road signage is clear and visible to hazardous materials carriers for navigational purposes, and to help limit the use of county and township roads by heavy trucks and hazardous materials haulers to lessen road damage, wear and tear, and deterioration due to excess load weights.						
Seneca County		Property Protection	Sheriff; Engineer	1-15-25	1-14-30	LOC
Fostoria		Property Protection	Fire Chief	1-15-25	1-14-30	
Tiffin		Property Protection	Fire Chief	1-15-25	1-14-30	
Mitigation Action 5.4: The jurisdiction will work with new and existing business owners and manufacturers, haulers, railroads, educational institutions, and others, to ensure that entities that bring new hazardous materials to the community assist in training local responders about how to respond to emergencies in their facilities or with their equipment, and to ensure that proper disclosure of contents takes place.						
Seneca County		Response Enhancement	EMA Director	1-15-25	1-14-30	LOC
Bettsville		Response Enhancement	Fire Chief	1-15-25	1-14-30	
Fostoria		Response Enhancement	Fire Chief	1-15-25	1-14-30	
New Riegel		Response Enhancement	Fire Chief	1-15-25	1-14-30	
Tiffin		Response Enhancement	Fire Chief	1-15-25	1-14-30	
Mitigation Action 5.5: The jurisdiction will enforce load limits on county road, bridges, and overpasses to prevent hazardous materials spills and releases due to overweight and out-of-compliance hauling.						

Seneca County		Response Enhancement	EMA Director	1-15-25	1-14-30	LOC
Mitigation Action 5.6: The jurisdiction will identify methods to protect waterways from contamination by vehicle accident on highways and roadways through bridge improvements, culvert modifications, or bridge spans changes.						
Attica		Natural Resource Protection	Mayor	1-15-25	1-14-30	BRIC Other
Bettsville		Natural Resource Protection	Mayor	1-15-25	1-14-30	
Mitigation Action 5.7: The jurisdiction will work with education institutions to improve chemical safety in labs and classrooms through better marking, tracking, and disposal of chemicals and hazardous materials.						
Tiffin		Property Protection	Fire Chief	1-15-25	1-14-30	LOC
Mitigation Action 5.8: The jurisdiction will work with agricultural chemical applicators, both individual farmers and commercial applicators, to improve hauling and application process safety as it relates to city residents and businesses, to prevent incidental to catastrophic spills, crashes, and leaks during the transportation or application process.						
Tiffin		Property Protection	Fire Chief	1-15-25	1-14-30	LOC
Mitigation Action 5.9: The jurisdiction will continue working with local, state, and federal resources to clean up and remediate brownfield properties.						
Bettsville		Property Protection	Mayor	1-15-25	1-14-30	BRP
Mitigation Action 5.10 Work with ODOT to establish detour routes and signage to lessen inappropriate commercial traffic on county and township roads that have insufficient load limits or surfaces to handle that kind of commercial truck traffic.						
Seneca County		Property Protection	Engineer	1-15-25	1-14-30	LOC Other
Attica		Property Protection	Mayor	1-15-25	1-14-30	
Bettsville		Property Protection	Mayor	1-15-25	1-14-30	
Fostoria		Property Protection	Safety Service Director		1-14-30	
New Riegel		Property Protection	Mayor	1-15-25	1-14-30	
<b>Goal 6: The jurisdiction will reduce vulnerability to infrastructure failure, including utility outages, transportation system failure, and the failure of other critical utility services.</b>						
<b>Hazard: Power failure, water emergency, communications failure, and road/highway failure.</b>						
Mitigation Action 6.1: The jurisdiction will repair, replace, upgrade and add storm sewer systems, or separate systems, where needed to more quickly and efficiently manage the movement of storm water after heavy precipitation and/or during flooding, to better control back flow, and add pumps, generators, and other means to harden services.						
Attica		Structurally Engineered Project	Mayor	1-15-25	1-14-30	BRIC; HMGP USACE EPA CDBG
Bloomville		Structurally Engineered Project	Water Supt.	1-15-25	1-14-30	
Fostoria		Structurally Engineered Project	Safety Service Director	1-15-25	1-14-30	
Republic		Structurally Engineered Project	Village Administrator	1-15-25	1-14-30	
Tiffin		Structurally Engineered Project	City Manager	1-15-25	1-14-30	
Mitigation Action 6.2 The jurisdiction will develop a storm sewer improvement plan to be implemented as funding is available that will match stormwater management capacity to current need under conditions of heavy and long-lasting precipitation to lessen flash flooding and protect property from flash flooding and lessen basement flooding in homes and businesses.						



Attica		Structurally Engineered Project	Mayor	1-15-25	1-14-30	BRIC; HMGP USACE EPA CDBG
Bettsville		Structurally Engineered Project	Mayor	1-15-25	1-14-30	
Bloomville		Structurally Engineered Project	Water Supt.	1-15-25	1-14-30	
Fostoria		Structurally Engineered Project	Safety Service Director	1-15-25	1-14-30	
Republic		Structurally Engineered Project	Village Administrator	1-15-25	1-14-30	
Tiffin		Structurally Engineered Project	City Manager	1-15-25	1-14-30	
Mitigation Action 6.3: The jurisdiction will repair, replace, strengthen, elevate, or widen roads, bridges, culverts, berms and overpasses that have deteriorated due to drainage and other storm-related wear and tear, or through use by vehicles that exceed the capability of the structures, with stronger, more robust infrastructure that will deflect stormwater and provide stronger and more dependable service with fewer closures for any reason, and will enhance gravitational drainage to avoid ponding of water onto other property.						
Seneca County		Structurally Engineered Project	Engineer	1-15-25	1-14-30	BRIC; HMGP USACE EPA CDBG
Bettsville		Structurally Engineered Project	Mayor	1-15-25	1-14-30	
Bloomville		Structurally Engineered Project	Water Supt.	1-15-25	1-14-30	
Fostoria		Structurally Engineered Project	Safety Service Director	1-15-25	1-14-30	
Republic		Structurally Engineered Project	Village Administrator	1-15-25	1-14-30	
Mitigation Action 6.4: The jurisdiction will work with utility providers to harden electrical and cellular service by installing wind-resistant poles and lines, and by providing generators for pump stations, relay stations, repeater towers, and other critical components.						
Seneca County		Property Protection	Engineer	1-15-25	1-14-30	LOC
Bettsville		Property Protection	Mayor	1-15-25	1-14-30	
Fostoria		Property Protection	Safety Service Director	1-15-25	1-14-30	
Tiffin		Property Protection	City Manager	1-15-25	1-14-30	
Mitigation Action 6.5: The jurisdiction will take action to protect the county landfill and surrounding area to ensure the landfill's capacity to function as a critical resource in disaster recovery continues but does not endanger surrounding properties.						
Seneca County		Property Protection	EMA Director	1-15-25	1-14-30	LOC
Mitigation Action 6.6: The jurisdiction will monitor and investigate stress, signs of damage, and actual damage to underground utilities, power poles, and utility regulators in buildings by ongoing quarrying operations and blasting.						
Bettsville		Property Protection	Mayor	1-15-25	1-14-30	LOC
New Riegel		Property Protection	Mayor	1-15-25	1-14-30	
Mitigation Action 6.7: The jurisdiction will repair, replace, reinforce or strengthen underground utilities, roads, sidewalks, and other utility components like treatment plants and pump stations to prevent, delay or correct damages due to blasting, heavy truck traffic on streets, or severe storms in combination with daily operations.						
Bettsville		Structurally Engineered Project	Engineer	1-15-25	1-14-30	BRIC; HMGP USACE EPA CDBG
Tiffin		Structurally Engineered Project	City Manager	1-15-25	1-14-30	

Mitigation Action 6.8: The jurisdiction will repair, replace or build streets, sidewalks, alleys, berms and other structures that lessen flooding during storms and heavy runoff, and that facilitate constant access to transportation routes within the jurisdiction.						
Fostoria		Structurally Engineered Project	Safety Service Director	1-15-25	1-14-30	BRIC; HMGP USACE EPA CDBG
New Riegel		Structurally Engineered Project	Mayor	1-15-25	1-14-30	
Mitigation Action 6.9: The jurisdiction will assess the status and condition of all available generators and necessary fuel supplies for the generators, and perform the necessary repairs, purchases, and replacements to ensure an operational alternate power supply exists when it is needed.						
Seneca County		Property Protection	EMA Director	1-15-25	1-14-30	LOC
Attica		Property Protection	Mayor	1-15-25	1-14-30	
Bettsville		Property Protection	Mayor	1-15-25	1-14-30	
Bloomville		Property Protection	Water Supt.	1-15-25	1-14-30	
Fostoria		Property Protection	Safety Service Director	1-15-25	1-14-30	
New Riegel		Property Protection	Mayor	1-15-25	1-14-30	
Mitigation Action 6.10: The jurisdiction will establish guidelines for residents to properly utilize alternate power sources during power outages, including a list of generator suppliers and rental resources, and will make this information available to the general public for use during outages.						
Seneca County		Property Protection	Engineer	1-15-25	1-14-30	LOC
<b>Goal 7: The jurisdiction will reduce the effects of invasive species and the destruction that is done to natural resources by invasive species.</b>						
<b>Hazard: Insects, wild animals, nuisance animals, and noxious and invasive weeds and plants</b>						
Mitigation Action 7.1: The jurisdiction will communicate with residents about the current status of any invasive species that is negatively affecting the jurisdiction.						
Seneca County		Property Protection	SWCD Director	1-15-25	1-14-30	LOC
Attica		Property Protection	Administrator	1-15-25	1-14-30	
Fostoria		Property Protection	Administrator	1-15-25	1-14-30	
New Riegel		Property Protection	Director of Administration	1-15-25	1-14-30	
Tiffin		Property Protection	City Manager			
Mitigation Action 7.2: The jurisdiction will maintain trees and vegetation on public and jurisdiction owned property and will remove dead/diseased trees from their property, and will advocate for the same on private property.						
Seneca County		Property Protection	Administrator	1-15-25	1-14-30	LOC
Attica		Property Protection	Administrator	1-15-25	1-14-30	
Bettsville		Property Protection	Administrator	1-15-25	1-14-30	
Bloomville		Property Protection	Director of Administration	1-15-25	1-14-30	
Fostoria		Property Protection	Mayor	1-15-25	1-14-30	
New Riegel		Property Protection	Mayor	1-15-25	1-14-30	
Republic		Property Protection	Water Supt.	1-15-25	1-14-30	
Tiffin		Property Protection	City Manager	1-15-25	1-14-30	
<b>Goal 8: The jurisdiction will reduce vulnerability to land subsidence due to karst movement, erosion, or other degradation of soils and embankments.</b>						
<b>Hazard: Erosion, embankment collapse, karst movement, and sinkhole development</b>						
Mitigation Action 8.1: The jurisdiction will support and conduct programs that reduce erosion and sedimentation along riverbanks, ditch banks, road berms, and areas that wash away after heavy or prolonged precipitation to protect property, structures, and other assets.						

Seneca County		Natural Resource Protection	SWCD Director	1-15-25	1-14-30	FMA BRIC HMGP H2 OH
Bloomville		Natural Resource Protection	Water Supt.	1-15-25	1-14-30	
Fostoria		Natural Resource Protection	Safety Service Director	1-15-25	1-14-30	
Republic		Natural Resource Protection	Village Administrator	1-15-25	1-14-30	
Tiffin		Natural Resource Protection	City Manager	1-15-25	1-14-30	
Mitigation Action 8.2: The jurisdiction will encourage the continuation of more specific and accurate mapping of karst areas in the county that interfaces the geological characteristics with the soil types, as well as identifying abandoned and functioning wells and mines of various types, to more accurately identify karst locations and predict where sink holes or other structural problems are likely to occur.						
Bettsville		Property Protection	Mayor	1-15-25	1-14-30	LOC
Bloomville		Property Protection	Water Supt.	1-15-25	1-14-30	
Mitigation Action 8.3: The jurisdiction will develop an inventory system for properties to be listed when land instability or movement is concerning that documents the observations and signs of a problem, documents communication with the landowner, and lists any mitigation measures that were suggested or employed; this inventory should be kept at one single point of contact in Seneca County.						
Seneca County		Natural Resource Protection	SWCD Director; EMA Director	1-15-25	1-14-30	LOC
Mitigation Action 8.4: The jurisdiction will develop a procedure to inspect all ditch banks and river banks in the county, and document any signs of land subsidence observed and/or reported. This should include a potential repair or refurbishment plan to restore the area to its appropriate condition, when possible.						
Seneca County		Natural Resource Protection	Engineer; SWCD Director	1-15-25	1-14-30	LOC
Mitigation Action 8.5: The jurisdiction will advocate for additional research into the effect of quarrying operations on the water supply, including water supplies and aquifer vulnerability to unintentional draining through drilling, wells, potential damage to distribution lines and damage to underground tanks.						
Bettsville		Natural Resource Protection	Mayor	1-15-25	1-14-30	LOC
Mitigation Action 8.6: The jurisdiction will continually assess village infrastructure for damage from quarry blasting to identify and repair foundation damage, damage to streets, bridges and culverts, stress and strain on pipes and lines below the ground and detected damage to foundations, structures, and other infrastructure.						
Bettsville		Property Protection	Mayor	1-15-25	1-14-30	LOC
Mitigation Action 8.7: The jurisdiction will advocate for, support and implement slope protection actions along waterways and other vulnerable areas where natural causes endanger property, structures, or other vulnerabilities exist.						
Fostoria		Natural Resource Protection	Safety Service Director	1-15-25	1-14-30	LOC HMGP BRIC
Tiffin		Natural Resource Protection	City Manager	1-15-25	1-14-30	
<b>Goal 9: The jurisdiction will reduce vulnerability to severe storms, including thunderstorms, tornadoes, windstorms and winter storms.</b>						
<b>Hazard: Severe thunderstorms, hail, lightning, thundersnow, tornado, high winds, blizzard or heavy snow, blowing and drifting snow, ice, microbursts, heavy rain, and other components of severe storms.</b>						
Mitigation Action 9.1: The jurisdiction will establish, maintain, improve, and/or promote public warning and notification systems (reverse 911, opt-in systems, outdoor warning sirens, weather radios, etc.), and will identify and fill gaps in these systems as they exist.						
Seneca County		Public Information	EMA Director	1-15-25	1-14-30	
Attica		Public Information	Mayor	1-15-25	1-14-30	

Bettsville		Public Information	Administrator	1-15-25	1-14-30	BRIC; HMGP; Other; LOC
Bloomville		Public Information	Mayor	1-15-25	1-14-30	
Fostoria		Public Information	Administrator	1-15-25	1-14-30	
New Riegel		Public Information	Administrator	1-15-25	1-14-30	
Republic		Public Information	Director of Administration	1-15-25	1-14-30	
Tiffin		Public Information	Mayor	1-15-25	1-14-30	
Mitigation Action 9.2: The jurisdiction will advocate for and support property owners' construction of safe rooms in single and multi-family homes and neighborhoods without basements, mobile home parks or manufactured home neighborhoods if present, or other properties to create shelter from life-threatening storms.						
Seneca County		Property Protection	EMA Director	1-15-25	1-14-30	HMGP BRIC FMA LOC
Attica		Property Protection	Mayor	1-15-25	1-14-30	
Bettsville		Property Protection	Administrator	1-15-25	1-14-30	
Bloomville		Property Protection	Mayor	1-15-25	1-14-30	
Fostoria		Property Protection	Administrator	1-15-25	1-14-30	
New Riegel		Property Protection	Administrator	1-15-25	1-14-30	
Tiffin		Property Protection	Director of Administration	1-15-25	1-14-30	
Mitigation Action 9.3: The jurisdiction will work with mobile home park owners, multi-family rental unit owners, and manufactured housing subdivision owners to establish safe rooms and shelters for their resident to be used in severe and threatening weather.						
Seneca County		Property Protection	EMA Director	1-15-25	1-14-30	EMPG LOC
Attica		Property Protection	Mayor	1-15-25	1-14-30	
Bettsville		Property Protection	Mayor	1-15-25	1-14-30	
Fostoria		Property Protection	Safety Service Director	1-15-25	1-14-30	
New Riegel		Property Protection	Mayor	1-15-25	1-14-30	
Tiffin		Property Protection	City Manager	1-15-25	1-14-30	
Mitigation Action 9.4: The jurisdiction will identify, coordinate with owners, and prepare facilities, including public schools, to be used as safe areas, overnight shelters, community information centers, service centers, and comfort stations when severe storms or other conditions necessitate evacuation or sheltering services, or the delivery of other critical assistance, and ensure that facilities are equipped with generators to meet evacuees' basic needs.						
Seneca County		Response Enhancement	EMA Director	1-15-25	1-14-30	LOC ICC HMGP BRIC
Attica		Response Enhancement	Mayor	1-15-25	1-14-30	
Bettsville		Response Enhancement	Administrator	1-15-25	1-14-30	
Bloomville		Response Enhancement	Mayor	1-15-25	1-14-30	
Fostoria		Response Enhancement	Administrator	1-15-25	1-14-30	
New Riegel		Response Enhancement	Administrator	1-15-25	1-14-30	
Republic		Response Enhancement	Director of Administration	1-15-25	1-14-30	
Tiffin		Response Enhancement	Mayor	1-15-25	1-14-30	

Mitigation Action 9.5: The jurisdiction will work with school districts and post-secondary institutions to establish procedures to use their facilities and equipment, and possibly personnel, if needed and if available, during and after disasters for the good of the community.						
Seneca County		Response Enhancement	EMA Director; Trans. Coord.	1-15-25	1-14-30	LOC
Attica		Response Enhancement	Mayor	1-15-25	1-14-30	
Bettsville		Response Enhancement	Mayor	1-15-25	1-14-30	
Fostoria		Response Enhancement	Safety Service Director	1-15-25	1-14-30	
New Riegel		Response Enhancement	Mayor	1-15-25	1-14-30	
Tiffin		Response Enhancement	City Manager	1-15-25	1-14-30	
Mitigation Action 9.6: The jurisdiction will maintain public property and retrofit or repair damages with storm-resistant materials, and advocate that property owners do the same for their property; will remove dead and diseased trees to limit potential debris after storms, and will establish a debris management plan to handle the debris that cannot be prevented.						
Seneca County		Property Protection	Engineer	1-15-25	1-14-30	LOC
Attica		Property Protection	Mayor	1-15-25	1-14-30	
Bettsville		Property Protection	Administrator	1-15-25	1-14-30	
Bloomville		Property Protection	Mayor	1-15-25	1-14-30	
Fostoria		Property Protection	Administrator	1-15-25	1-14-30	
Republic		Property Protection	Administrator	1-15-25	1-14-30	
Tiffin		Property Protection	Director of Administration	1-15-25	1-14-30	
		Property Protection	Mayor	1-15-25	1-14-30	
Mitigation Action 9.7: The jurisdiction will maintain and enforce land use regulations (including zoning, other development regulations, and applicable construction codes) in an effort to reduce storm and flood damages to residential and business properties through wise building practices.						
Tiffin		Prevention	Floodplain Mgr. TSEP Director	1-15-25	1-14-30	LOC Plus-Up FMA
Mitigation Action 9.8: The jurisdiction will maintain or replace, as needed, water control structures and systems, such as wastewater pumping stations, generators, water pumps, and other structures, where appropriate and helpful in flood reduction or management to prevent damages and closures due to severe storm consequences, and will ensure the resources to provide adequate and reasonable debris disposal after severe storms.						
Seneca County		Property Protection	Engineer	1-15-25	1-14-30	BRIC HMGP FMA CDBG ICC USACE
Attica		Property Protection	Administrator	1-15-25	1-14-30	
Bettsville		Property Protection	Administrator	1-15-25	1-14-30	
Mitigation Action 9.9: The jurisdiction will provide community education about protective actions, evacuation procedures, preparedness information, and basic insurance coverage needs for residents to protect themselves from losses.						
Seneca County		Public Outreach	EMA Director	1-15-25	1-14-30	LOC
Attica		Public Outreach	Mayor	1-15-25	1-14-30	
Bettsville		Public Outreach	Mayor	1-15-25	1-14-30	
Bloomville		Public Outreach	Water Supt.	1-15-25	1-14-30	

Republic		Public Outreach	Village Administrator	1-15-25	1-14-30	
Mitigation Action 9.10: The jurisdiction will maintain building regulations and land use planning practices that encourage responsible development in high risk or vulnerable areas.						
Seneca County		Prevention	TSEP Director	1-15-25	1-14-30	LOC
Attica		Prevention	Mayor	1-15-25	1-14-30	
Bettsville		Prevention	Mayor	1-15-25	1-14-30	
Fostoria		Prevention	Safety Service Director	1-15-25	1-14-30	
Mitigation Action 9.11: The jurisdiction will develop local, affordable and functional countywide public safety communication systems with the capability for multi-discipline and multi-jurisdictional communication.						
Seneca County		Response Enhancement	Sheriff; PS Director	1-15-25	1-14-30	AFG HSGP CDBG ST LOC
Attica		Response Enhancement	Mayor	1-15-25	1-14-30	
Bettsville		Response Enhancement	Mayor	1-15-25	1-14-30	
Fostoria		Response Enhancement	Safety Service Director	1-15-25	1-14-30	
Tiffin		Response Enhancement	City Manager	1-15-25	1-14-30	
Mitigation Action 9.12: The jurisdiction will support the hardening of utilities to reduce storm-related outages, and will fill gaps in warning and notification systems that might be vulnerable during severe storms.						
Seneca County		Property Protection	Engineer	1-15-25	1-14-30	EMPG HSGP LOC
Attica		Property Protection	Mayor	1-15-25	1-14-30	
Bettsville		Property Protection	Mayor	1-15-25	1-14-30	
Fostoria		Property Protection	Safety Service Director	1-15-25	1-14-30	
New Riegel		Property Protection	Mayor	1-15-25	1-14-30	
Mitigation action 9.13: The jurisdiction will develop storm-related redundancy through the availability of generators, alternate communication systems, and redundant suppliers of critical goods and services.						
Seneca County		Property Protection	Engineer	1-15-25	1-14-30	HMGP EMPG LOC
Attica		Property Protection	Mayor	1-15-25	1-14-30	
Bettsville		Property Protection	Mayor	1-15-25	1-14-30	
Bloomville		Property Protection	Water Supt.	1-15-25	1-14-30	
Fostoria		Property Protection	Safety Service Director	1-15-25	1-14-30	
Republic		Property Protection	Mayor	1-15-25	1-14-30	
Mitigation action 9.14: The jurisdiction will work to plow and clear county-maintained roadways to facilitate emergency traffic, necessary travel, and business access.						
Seneca County		Property Protection	Engineer	1-15-25	1-14-30	LOC
Attica		Property Protection	Mayor	1-15-25	1-14-30	
Bettsville		Property Protection	Mayor	1-15-25	1-14-30	
Bloomville		Property Protection	Water Supt.	1-15-25	1-14-30	
Fostoria		Property Protection	Safety Service Director	1-15-25	1-14-30	
New Riegel		Property Protection	Mayor	1-15-25	1-14-30	
Republic		Property Protection	Village Administrator	1-15-25	1-14-30	
Tiffin		Property Protection	City Manager	1-15-25	1-14-30	

Mitigation Action 9.15: The jurisdiction 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 prevent contamination of groundwater through snow removal and salting icy roads.						
Seneca County		Natural Resource Protection	SWCD Director	1-15-25	1-14-30	LOC
Fostoria		Natural Resource Protection	Safety Service Director	1-15-25	1-14-30	
Tiffin		Natural Resource Protection	City Manager	1-15-25	1-14-30	
Mitigation Action 9.16: The jurisdiction will work with providers who have vehicles that would help mobility challenged individuals in disasters, include four-wheeled drive, multi-passenger, wheelchair accessible, and such to create transportation strike teams for disaster response, when necessary.						
Seneca County		Property Protection	EMA Director	1-15-25	1-14-30	LOC EMPG
Attica		Property Protection	Mayor	1-15-25	1-14-30	
Bettsville		Property Protection	Mayor	1-15-25	1-14-30	
Bloomville		Property Protection	Water Supt.	1-15-25	1-14-30	
Fostoria		Property Protection	Safety Service Director	1-15-25	1-14-30	
New Riegel		Property Protection	Mayor	1-15-25	1-14-30	
Tiffin		Property Protection	City Manager	1-15-25	1-14-30	
Mitigation Action 9.17: The jurisdiction will provide information to residents and business owners about preparedness steps for extreme winter weather and wind chill, including information about protecting pipes and plumbing from freezing, implementation of various structural weatherization measures, and cleaning of fireplace chimneys to prevent fires when being heavily used.						
Seneca County		Public Outreach	EMA Director	1-15-25	1-14-30	LOC
Attica		Public Outreach	Mayor	1-15-25	1-14-30	
Bettsville		Public Outreach	Mayor	1-15-25	1-14-30	
Bloomville		Public Outreach	Water Supt.	1-15-25	1-14-30	
Fostoria		Public Outreach	Safety Service Director	1-15-25	1-14-30	
New Riegel		Public Outreach	Mayor	1-15-25	1-14-30	
<b>Goal 10: The jurisdiction will reduce vulnerability to water quality issues.</b>						
<b>Hazard: Algal bloom, aquifer contamination, aquifer depletion</b>						
Mitigation Action 10.1: The jurisdiction will develop collaborative efforts with appropriate partners and stakeholders to more accurately determine risk to groundwater resourced in the county, and work together to adequately and effectively prevent contamination of the groundwater, especially where risks like quarrying operations exist, or upstream contamination is present and/or likely.						
Seneca County		Natural Resource Protection	SWCD Director	1-15-25	1-14-30	LOC ICC H2OH CWA
Bettsville		Natural Resource Protection	Mayor	1-15-25	1-14-30	
Bloomville		Natural Resource Protection	Water Supt.	1-15-25	1-14-30	
Tiffin		Natural Resource Protection	City Manager	1-15-25	1-14-30	
Mitigation Action 10.2: The jurisdiction will advocate for improvement to water treatment plants, including distribution systems, reservoirs, enhanced testing and monitoring and improved treatment capabilities.						
Seneca County		Property Protection	Engineer; AQUA Ohio	1-15-25	1-14-30	BRIC HMPG CDBG
Attica		Property Protection	Mayor	1-15-25	1-14-30	
Bettsville		Property Protection	Mayor	1-15-25	1-14-30	

Bloomville		Property Protection	Water Supt.	1-15-25	1-14-30	USACE LOC ICC
Fostoria		Property Protection	Safety Service Director	1-15-25	1-14-30	
New Riegel		Property Protection	Mayor	1-15-25	1-14-30	
Republic		Property Protection	Village Administrator	1-15-25	1-14-30	
Tiffin		Property Protection	City Manager	1-15-25	1-14-30	
Mitigation Action 10.3: The jurisdiction will work for early and proactive collaboration between jurisdiction regarding spills and leaks into the water supply through seepage into wells, aquifers, reservoirs or waterway that will eventually affect local water quality.						
Seneca County		Natural Resource Protection	SWCD Director; Health Commissioner	1-15-25	1-14-30	HMEP EMPG LOC
Bloomville		Natural Resource Protection	Water Supt.	1-15-25	1-14-30	
Fostoria		Natural Resource Protection	Safety Service Director	1-15-25	1-14-30	
Republic		Natural Resource Protection	Village Administrator	1-15-25	1-14-30	
Tiffin		Natural Resource Protection	City Manager	1-15-25	1-14-30	
Mitigation Action 10.4: The jurisdiction will advocate for and support the implementation of regulations and supportive programs that help farmers manage manure and waste from concentrated animal feeding facilities in the interest of protecting the groundwater and waterways from contamination.						
Seneca County		Natural Resource Protection	SWCD Director	1-15-25	1-14-30	LOC
Mitigation Action 10.5: The jurisdiction will support the implementation of measure to manage distressed watershed in the county and advocate for support programs to help farmers implement these regulations and measures while maintaining the agricultural economic well-being by continuing to support and participate in H2Ohio and other conservation and protection programs as appropriate to the county.						
Seneca County		Natural Resource Protection	SWCD Director	1-15-25	1-14-30	H2OH
Mitigation Action 10.6: The jurisdiction will improve, repair, and replace water lines, hydrants, and other components to enhance firefighting services when a robust, plentiful, pressurized water supply is critical to saving lives and property.						
Fostoria		Property Protection	Safety Service Director	1-15-25	1-14-30	HMGP; BRIC
Mitigation Action 10.7: The jurisdiction will encourage and maintain programs to improve the water quality in rivers and streams.						
Seneca County		Natural Resource Protection		1-15-25	1-14-30	H2OH CWA LOC
Attica		Natural Resource Protection		1-15-25	1-14-30	
Bettsville		Natural Resource Protection		1-15-25	1-14-30	
Fostoria		Natural Resource Protection		1-15-25	1-14-30	
New Riegel		Natural Resource Protection		1-15-25	1-14-30	
<b>Goal 11: The jurisdiction will engage in mitigation actions that enable the public to obtain and use disaster information to save lives and preserve property, and to have adequate disaster services to help all residents recover from disasters that occur.</b>						



<b>Hazard: Applicable to all hazards.</b>						
Mitigation Action 11.1: The jurisdiction will expand and improve its public warning and notification capability through additional or upgraded outdoor warning sirens, improvements to the software used in these systems, wireless notification systems, use of weather radios, or enhanced public education regarding warning and notification of protection orders or warnings, including the development of pre-scripted messaging or resources for translation for non-English speaking persons where it has been determined to be necessary.						
Seneca County		Social Resiliency	EMA Director	1-15-25	1-14-30	BRIC HMGP ICC LOC
Attica		Social Resiliency	Mayor	1-15-25	1-14-30	
Bettsville		Social Resiliency	Administrator	1-15-25	1-14-30	
Republic		Social Resiliency	Mayor	1-15-25	1-14-30	
Tiffin		Social Resiliency	Administrator	1-15-25	1-14-30	
Mitigation Action 11.2: The jurisdiction will work to improve and expand public safety services, with an emphasis upon volunteer recruitment, training and retention for fire and EMS services, and effective mutual aid programs for gaps in response capabilities so that emergency needs can be met under extreme or long-term conditions.						
Seneca County		Response Enhancement	EMA Director	1-15-25	1-14-30	LOC ICC ST AFG Other
Attica		Response Enhancement	Fire Chief	1-15-25	1-14-30	
Bettsville		Response Enhancement	Fire Chief	1-15-25	1-14-30	
Bloomville		Response Enhancement	Fire Chief	1-15-25	1-14-30	
Fostoria		Response Enhancement	Fire Chief	1-15-25	1-14-30	
New Riegel		Response Enhancement	Fire Chief	1-15-25	1-14-30	
Tiffin		Response Enhancement	Fire Chief	1-15-25	1-14-30	
Mitigation Action 11.3: The jurisdiction will work with all municipalities and townships to review, update and improve the Emergency Operations Plan so that underserved and disadvantaged populations are served well in disasters, and that agencies and departments charged with serving them are able to be prepared to do so without a gap in the services provided to these individuals.						
Seneca County		Social Resiliency	EMA Director	1-15-25	1-14-30	LOC; ST
Attica		Social Resiliency	Mayor	1-15-25	1-14-30	
Bettsville		Social Resiliency	Mayor	1-15-25	1-14-30	
New Riegel		Social Resiliency	Mayor	1-15-25	1-14-30	
Mitigation Action 11.4: The jurisdiction will work with social agencies and departments, nonprofit organizations, and churches to ensure underserved, disadvantaged, and special needs populations have the necessary resources in disasters to maintain and sustain life and function across the entire county, and are able to maintain services without gaps due to disasters in both physical and behavioral health areas.						
Seneca County		Social Resiliency	Co. DJFS Director	1-15-25	1-14-30	LOC; ST ICC; Other
Attica		Social Resiliency	Mayor	1-15-25	1-14-30	
Bettsville		Social Resiliency	Mayor	1-15-25	1-14-30	
New Riegel		Social Resiliency	Mayor	1-15-25	1-14-30	
Mitigation Action 11.5: The jurisdiction will work with elected officials and authorities of all participating municipalities and townships to expand and improve the mitigation capabilities listed in Table 2-17.						
Seneca County		Property Protection	EMA Director	1-15-25	1-14-30	LOC
Mitigation Action 11.6: The jurisdictions will work together to advocate for adequate and pro-active behavioral health services in a similar manner to those regarding physical health so that underserved and disadvantaged						

populations can successfully obtain comprehensive treatment without a gap in their existing services due to disasters.						
Seneca County		Social Resiliency	EMA Director	1-15-25	1-14-30	LOC; ST Other
Attica		Social Resiliency	Mayor	1-15-25	1-14-30	
Bettsville		Social Resiliency	Mayor	1-15-25	1-14-30	
New Riegel		Social Resiliency	Mayor	1-15-25	1-14-30	
Mitigation Action 11.7: The jurisdiction should identify and/or develop adequate housing for underserved and disadvantaged populations like the elderly, disabled, and single-parent families with children to prevent them from the threat of disaster-related residential instability and homelessness after damaging disasters.						
Seneca County		Social Resiliency	TSEP Director; Fostoria CIC Director	1-15-25	1-14-30	LOC; ST ICC Other
Mitigation Action 11.8 The jurisdiction will work with villages, the city, and other districts and organizations or agencies to incorporate mitigation measures into emergency operations plans, comprehensive plans, development plans, resource guides, and other community growth and operation documents to facilitate the accomplishment of mitigation goals.						
Seneca County		Social Resiliency	EMA Director; TSEP Director	1-15-25	1-14-30	LOC Other
Attica		Social Resiliency	Mayor	1-15-25	1-14-30	
Bettsville		Social Resiliency	Mayor	1-15-25	1-14-30	
New Riegel		Social Resiliency	Mayor	1-15-25	1-14-30	
Tiffin		Social Resiliency	City Manager	1-15-25	1-14-30	

Each strategy developed is assigned a priority, action type, lead agency, timeline, and potential funding source. These elements are described below. While specific information in this chart may change prior to the implementation of a strategy, the exercise of assigning time lines required stakeholders to evaluate current resources and support programs to determine how to best reduce the effects of disaster. They had to bear in mind that many of the villages are so small they have few resources, financial and otherwise. Officials from Seneca County had to consider throughout this process that county leaders generally hold the responsibility of multiple jobs, sometimes in multiple jurisdictions, as they do their work. Officials are both paid employee and volunteer in many cases. Public information campaigns, plan enhancements, and the establishment of emergency protective measures were the most likely capability and generally not significantly expensive. Upgrading notification/warning systems was second because the acquisition of equipment involves procurement and budget process, therefore taking at least one budget year. These systems are exceptionally important to small, rural communities. Collaboration with other groups and comprehensive actions, due to the need to build trust and association between groups, would take longer to accomplish goals because it involved a two-phase action plan. Last on the completion list at times were structural projects due to design time requirements, budget needs, and dependence upon outside funding sources through applications. The priorities of life safety, incident containment, and property conservation combined with budget and procurement needs were major factors in determining the priority of goals and strategies.

*Rank*

Priority identifies the order of importance jurisdictions assigned to each strategy. Strategies might not be implemented in this exact order, depending on availability of funds and other circumstances.

### *Action Type*

Action type describes the kind of activity described in the strategy.

- 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
- Community Resilience – Increases the community’s ability to withstand and recover from disasters
- Social Vulnerability – Increases the community’s ability to identify and serve the disadvantaged, underserved and disabled members of their community for the purpose of allowing all people to recover from a disaster

### *Lead Agency*

The lead agency is the entity charged with championing the strategy and ensuring that jurisdiction officials consider opportunities to implement the strategy over the five-year planning cycle. This agency may not have the authority or power to make a strategy into a project, nor would they necessarily be responsible for project oversight or completion should the strategy develop into an actionable and funded project. Rather, the lead agency is responsible for coordinating the overall effort, plays a key role in championing the project, or, by default, is the entity most appropriate to lead project development at the initial stage. There were some cases where stakeholders felt more than one agency should fill this role, and those are stated as such. When the strategy becomes a feasible project, the listed agency is not the only entity that would be involved in its execution, nor is it the only entity involved in keeping the strategy on the jurisdiction’s radar. For accountability purposes, the strategy is assigned to a single entity when possible. When the strategy becomes a project, the jurisdiction would identify a project manager who may or may not represent the lead agency assigned in this plan.

### *Timeline*

The timeline identifies the time frame 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. At the time of plan development, these timelines fit

logically within each jurisdiction's resources and support programs. As Seneca County reviews this mitigation plan annually, the timelines will be reviewed, adjusted, and modified as appropriate.

#### *Funding Sources*

Funding sources change regularly as priorities and incidents drive them. All jurisdictions were advised, and discussed, the value in outlining their most important projects ahead of time, and being ready to respond to notices of available funding quickly and accurately. Having several projects that have been well-considered and evaluated, and researched for likely cost and variables, on the shelf and ready to complete a pre-application is highly recommended.

Mitigation strategies can be funded through a wide variety of sources. Depending on the type and cost of the project, different funding sources will be available and appropriate. Sources are taken from FEMA Mitigation Funding Sources online information. This information may change on a regular basis.

- BRIC – Building Resilient Infrastructure in Communities Program
- FMA – Flood Mitigation Assistance Grant
- HMGP – Hazard Mitigation Grant Program
- Plus-Up – FEMA Building Code Plus-Up Program
- AFG – Assistance to Firefighters Grant
- COG – Clean Ohio Grant
- CDBG – Community Development Block Grants
- ICC – Increased Cost of Compliance (including rate increases or premiums)
- LOC – Local Funds
- ST – State Funds
- OTHER – Other (including private funds and non-governmental agency funding)
- CWA – Clean Water Act Section 319 Grants
- WDG – Wetland Development Grants
- CAPP – Community Assistance and Protection Program for education and outreach
- USDA DA – USDA programs for technical assistance to farmers
- USDA NRCS – Various programs to relieve hazards related to flooding and conservation
- USACE – Planning Assistance, Floodplain Management, and Environmental Laboratory grants for the US Army Corps of Engineers
- USGS – United States Geological services grant programs
- H2OH – H2Ohio Agricultural Program
- COG – Clean Ohio Grant
- BRP – Brownfield Remediation Program

### **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 any given strategy to become an actionable item, it must be converted to a specific project with funding, action steps, timelines,

and project goals. For example, if a property is to be acquired and demolished and the property owner relocated, that project must begin with the identification of the specific property to be acquired and the funding to be utilized 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 that reduce disaster loss in Seneca County.

The EMA will monitor the implementation of these strategies through ongoing communication with officials and stakeholders, but other agencies may be selected to take the lead role in executing the project. When grant opportunities arise, 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 actionable steps taken to complete the project. Upon completion, effectiveness will be evaluated by the jurisdiction and findings shared with the EMA and planning team for consideration in developing future projects.

The greatest value in these strategies is the process, knowledge, and reasoning stakeholders utilized during their development. The mitigation planning process required stakeholders to collaborate to evaluate hazards and risks in their community. New mitigation standards caused a new set of social agencies and service providers to come to the planning table, forging new relationships and associations. Many new perspectives and considerations were shared across the room as various parties expressed their opinions. They were required to examine the local community, predict where and under what conditions damages would occur, and identify how to reduce or eliminate potential damages after they identified who would be affected. The solutions, 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 the community was appropriately represented in the planning process.

Ultimately, Seneca County developed a set of comprehensive, thoroughly considered, relevant, and effective solutions to problems that are likely to arise. As stakeholders considered how to solve potential problems, they utilized a collaborative spirit to address community-wide problems. These strategies were original thoughts to reduce disaster vulnerability and loss at the local level.

Given the availability of funding, personnel, and support, Seneca County and its jurisdictions are positioned to move forward and implement these strategies to the best of their ability to accomplish their goals. Whatever mitigation activities are achieved will be well thought out, logical, and reasonable because of the community-wide all-inclusive hazard mitigation planning process.