

## APPENDIX 3: INACTIVE PROJECTS

The appendix lists projects from previous versions of Ashtabula County's mitigation plan that have been completed, deleted, or deferred.

Committee members listed the following projects as completed efforts to support hazard mitigation, even though these projects did not appear in the previous version of the county's mitigation plan.

- Ashtabula County
  - Ashtabula SWCD has assisted the entire county with drainage and wetland design projects. Over the last five years, individual homeowners, the townships, and the county engineer have consulted with the SWCD to reduce flooding and improve water quality.
  - Ashtabula SWCD educates the public about natural resources whenever possible.
  - Pierpont Township has ditched roads to relieve flooding, cleared rights-of-way, and demolished various dangerous structures.
  - Ashtabula County Community Services noted the demolition of hundreds of blighted structures.
- Andover Village
  - Cleaned out and expanded ditches for better water flow in areas with repeat flooding
- Ashtabula City
  - Sewer plant and lines upgraded
  - Water plant and lines upgraded for better water supply
  - Hundreds of vacant structures razed
  - Trees trimmed or removed from the curbside in various parts of the city to mitigate power outages
- Conneaut City
  - New headworks at the wastewater treatment plant
  - Sewer system surveillance
  - Street repair
  - Water system upgrades

- Storm drain upgrades
- Hydrant replacement
- New fire engine
- New jet truck and plow trucks
- Purchase decontamination showers
- Chestnut Street storm drainage project
- Human resource center roof replacement (for potential use as shelter)
  
- Geneva City
  - Houses torn down in the floodplain, areas turned into greenspace
  - Stormwater management
  - Stream restoration
  - Sewer inflow and infiltration projects
  
- Geneva-on-the-Lake Village
  - Lake Road waterline replacement
  - Stormwater outfall replacement
  
- Jefferson Village
  - Replacement of all substandard culverts under roadways
  - Major upgrades to wastewater treatment plant to remediate lead and go chlorine-free
  - Tornado warning siren installed
  - Aggressive tree program to remove diseased trees from electrical power rights-of-way and trim overgrowth
  
- North Kingsville Village
  - Updated a levy dam project on the golf course property
  
- Orwell Village
  - Evacuation plan
  - Warming shelter
  - Wastewater treatment plant infrastructure upgrades (i.e., headworks, lift stations)
  - Water tower project
  - Business/industrial safety inspections

- Roaming Shores Village
  - Replaced 11 sanitary sewer lift stations since 2010
  - Removed a sanitary sewer that routed through Lake Roaming Rock
  
- Rock Creek Village
  - Replaced grinder pumps

INACTIVE PROJECTS		
<i>Designation</i>	<i>Project</i>	<i>Notes</i>
DELETED	Coordinate with local private contractors to develop mutual aid agreements for emergency snow removal.	Old Number 9.1.1. The planning committee deleted this project from the plan. Though all jurisdictions regularly maintain agreements with appropriate resources for snow removal (not just private contractors), the committee felt this project better identifies as a preparedness effort and does not contribute to eliminating losses as a result of the winter storm hazard.
DELETED	Coordinate with responsible agencies on developing a program to prevent and/or alleviate ice jams that occur.	Old Number 5.2.6. This project simply recommends coordinating with agencies that bear responsibilities for preventing or alleviating ice jams. Local officials routinely work with myriad partners to address all causes of flooding. The project, as stated, is complete.
DELETED	Develop a stream maintenance and educational outreach program.	Old Number 5.5.4. ODNR and other organizations produce this type of information.
DELETED	Coordinate with local and rural property owners to gain access to flooded property for recovery purposes after a flood has occurred.	Old Number 5.2.7. Local officials routinely perform this task after situations occur. Thus, it is a recovery project rather than a mitigation project.
DELETED	Seek funding to review and revise existing storm water ordinances and resolutions to address existing and/or proposed developments.	Old Number 5.3.1. The committee deleted this project in lieu of New Project #5, which is a combined storm water management project.
DELETED	Participate in the Community Rating System (CRS) on a countywide basis to reduce flood insurance rates.	Old Number 5.3.2. Committee members determined that, based on the number of exposed properties in Ashtabula County's jurisdictions, the benefits of the CRS program do not outweigh the costs of getting into the program. Committee members felt that NFIP participation was important, and continue to support it however.
DELETED	Seek funding to elevate roadways that suffer repeat flooding to maintain access to the areas.	Old Number 5.4.1. Committee members deleted this project after determining that it would be very unlikely to meet benefit-cost recommendations.
DELETED	Identify and provide warning signage and/or roadway markings for roadways that are susceptible to repeated flooding regardless of the amount of rainfall.	Old Number 5.5.1. The committee deemed this project unfeasible because there are minimal roadways that are repeatedly impacted. Local officials can meet the intent of this project using temporary signage, the county's mass notification system, and various social media outlets.

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DELETED	Enforce existing building codes that regulate the materials used in new construction with respect to design wind speeds.	Old Number 8.2.2. The committee deemed this project unnecessary since communities comply, as appropriate, with the International Building Codes.
DELETED	Reduce the risk of mobile home damage by suggesting the use of tie-downs with ground anchors appropriate for the soil type.	Old Number 8.2.3. The committee deemed this project unnecessary since communities comply, as appropriate, with the International Building Codes.
DELETED	Develop a technical assistance information program for homeowners, teaching them how to seismically strengthen their homes.	Old Number 4.2.3. Even though earthquakes happen with relative frequency in northeast Ohio, the committee felt that the severity of frequent earthquakes rarely escalates to the level of causing significant damage. Earthquakes of that magnitude are rare.
DELETED	Seek funding to develop a Volunteer Reception Center for coordinating volunteers who are willing to help with the recovery of an earthquake.	Old Number 4.1.1. The ACEMA works with local agencies regarding the use of volunteers during large-scale emergency responses of all types, not just earthquakes. Further, the committee felt this project more closely aligned with preparedness rather than mitigation initiatives.
DELETED	Provide alternate potable water source in the event that existing water supplies are disrupted or wells run dry.	Old Number 4.3.1. The committee deemed this project to be unfeasible because of cost considerations. Solutions such as interconnects also result in public health considerations that make them difficult to implement.
DELETED	Install sensory systems that immediately shut off the flow of gas throughout the county as soon as earth movements are felt.	Old Number 4.3.3. The committee deemed this project unfeasible due to cost and the likely difficulty of implementation.
DELETED	Develop mutual aid agreements with private contractors to expeditiously deliver large quantities of sand to problem areas, as needed.	Old Number 1.3.1. Local emergency agencies maintain various mutual aid agreements with providers in and out of county. Further, the committee felt this project represented a preparedness project rather than a mitigation project.
DELETED	Seek funding for retrofitting existing structures to make them storm-ready.	Old Number 7.2.2. The committee deleted this project because it was vaguely written. The committee replaced it with New Project #12, which looks at structural solutions to the flooding hazard.
DELETED	Evaluate railroad and roadway intersections for warning systems, etc.	Old Number 6.1.4. The committee deleted this project because it was vaguely written. There were questions as to what "evaluate" meant. Further, railroad operators routinely assess the safety of their lines.
DELETED	Assess the feasibility of cleaning up busy intersections.	Old Number 6.1.3. The committee deleted this project because it was vaguely written. What does it mean to "clean up" a busy intersection? Further, ODOT and local road departments regularly assess safety concerns at intersections.
DELETED	Encourage residents to inspect and clean their chimneys at least once a year.	Old Number 11.1.2. The committee deleted this project because members felt it represented a regular maintenance project rather than a mitigation project.

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DELETED	Implement adequate planning, assessment and preventative measures of resources (i.e., training, equipment and manpower) for fighting wildland fires.	Old Number 11.2.2. The committee felt this project was representative of preparedness rather than mitigation efforts. Additionally, local fire departments routinely assess the risks in their first-due areas and pre-plan responses (e.g., assure adequate personnel training, identify resource support through mutual aid, etc.).
DELETED	Continue the education and training efforts of first responders and emergency personnel.	Old Number 10.2.3. The committee deleted this project because it represents a preparedness rather than a mitigation effort. Additionally, first responder agencies regularly provide for the training of their personnel.
DELETED	Coordinate with first responders for interagency cooperation to assist in collaborative planning.	Old Number 10.2.2. The committee deleted this project because it represents a preparedness rather than a mitigation effort. Additionally, responder agencies regularly work together to assure resource availability for common responses. The ACEMA works with agencies throughout the county to facilitate a collaborative planning process (e.g., the 2018 update to the county's emergency operations plan).
DELETED	Coordinate with local media to alert the public as to current threat status.	Old Number 10.1.4. The committee deleted this project because it represents a preparedness rather than a mitigation effort. Additionally, the ACEMA coordinates with the local media regularly. Further, the NWS has the ability to send targeted alerts via mobile networks.
DELETED	Establish a critical infrastructure protection program.	Old Number 10.1.5. The committee deleted this project because it was vaguely written. Utility departments, road departments, etc. regularly work to protect and maintain their systems. Further, when necessary, local officials support state and federal critical infrastructure protection efforts.
DELETED	Ensure that institutions with computers that interface with other computers responsible for the function of vital equipment (water treatment plants, etc.) have back-up systems and anti-virus software installed on them.	Old Number 10.1.6. Committee members confirmed that many government officials require surge protection, data back-up, etc. Beyond that level, committee members felt it was a responsibility of business owners, system operators, etc. to ensure these practices as a matter of good business.
DELETED	Establish trauma centers to offer medical attention and counseling to affected populations in the event of a terrorist event.	Old Number 10.2.1. The committee deleted this project because it represents a preparedness rather than a mitigation effort. Additionally, the ACEMA included updated health and medical considerations in its 2018 emergency operations plan revision. Other organizations, including local health departments, also ensure inclusion of mental health concerns in operations planning.
DELETED	Evaluate the need for adequate planning, specifically as it relates to firefighting of wildland fires.	Old Number 3.1.5. The committee deleted this project because it represents a preparedness rather than a mitigation effort. Additionally, responder agencies regularly work together to assure resource availability for common responses.

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DELETED	Coordinate mutual aid agreements with water hauling companies to have emergency supplies of water hauled into Ashtabula County, and encourage the development of system interconnects between various water systems where feasible. Evaluate the need to increase water storage capacities by conducting a Water Vulnerability Assessment for the county.	Old Number 3.2.1. Local emergency agencies maintain various mutual aid agreements with providers in and out of county. Further, the committee felt this project represented a preparedness project rather than a mitigation project. Solutions such as interconnects also result in public health considerations that make them difficult to implement.
DELETED	Develop and implement a plan to process donations, acquire and provide potable water supplies for livestock during a drought.	Old Number 3.2.3. The committee deleted this project because it represents a preparedness rather than a mitigation effort. Additionally, the ACEMA included donations management for all hazards in its 2018 emergency operations plan update.
DEFERRED	Develop a public education program for informing residents of the hazards associated with tornadoes, such as medical conditions and driving conditions, as well as what to do after an event occurs.	Old Number 8.3.1. The committee consolidated this action into a single public outreach and education action. See Action 1 in Section 3.2.
DEFERRED	Develop a public education program concerning the hazards associated with earthquakes, as well as a homeowner's option to purchase earthquake insurance.	Old Number 4.2.2. The committee consolidated this action into a single public outreach and education action. See Action 1 in Section 3.2.
DEFERRED	Provide designated locations /facilities to house displaced animals after severe storm/flooding events.	Old Number 5.2.4. This project is a valid project; however, it is a preparedness measure. Locations for housing displaced animals appear in various other response-oriented plans.
DEFERRED	Provide means for mass animal carcass disposal to prevent the spread of disease after a severe flooding event.	Old Number 5.2.5. This project is a valid project; however, it is a preparedness measure. Disposal and disease surveillance measures appear in various other response-oriented plans.
DEFERRED	Seek funding to evaluate Lake Erie shore erosion in Ashtabula County.	Old Number 1.1.2. This project indirectly appears in the county's current coastal management plan. It fits better with the objectives in that document, and the committee opted to delete it here.
DEFERRED	Ensure that surge protection, such as surge protectors and grounding, has been installed on all critical electronic equipment owned by county government.	Old Number 7.2.1. The committee felt that this action did not represent a viable effort that would result in widespread benefit. Further, committee members representing county agencies felt that department heads throughout county government regularly ensured surge protection on critical machines as a matter of business continuity. The committee thus deferred this action to departmental and jurisdictional business continuity efforts.
DEFERRED	Provide designated locations/facilities to house displaced animals following a tornado.	Old Number 8.4.2. This project is a valid project; however, it is a preparedness measure. Locations for housing displaced animals appear in various other response-oriented plans.
DEFERRED	Establish ordinances requiring burn permits and restricting campfires and outdoor burning during unsafe hours in particular seasons, if not already established.	Old Number 11.2.1. ODNR Forestry prohibits outdoor open burning and prescribed fires in the months of March, April, May, October, and November between 6 a.m. and 6 p.m. Reference ORC 1503.18.

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COMPLETED	Evaluate runoff (surface drainage) problems in the county and how these problems affect erosion.	Old Number 1.1.1. The Ashtabula County Planning Commission oversaw an update to the county's coastal management plan in 2012 that included various issues, including erosion.
COMPLETED	Coordinate with the Ohio Department of Natural Resources, Division of Water, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Ashtabula County as a result of a change in circumstances not in existence at the time of the dam's initial classification to ensure adequate safety according to the potential for downstream damage.	Old Number 2.1.1. This action corresponds to a regular duty of the ODNR Division of Water. ODNR thus completes this action per the agency's routine operations.
COMPLETED	During all new dam construction, encourage the completion of a critical flood engineering analysis by a professional engineer licensed in the State of Ohio.	Old Number 2.1.2. ODNR requires appropriate flood analyses upon the design and construction of any new dam.
COMPLETED	Coordinate with the ODNR, Dam Safety Engineering Program to conduct regular safety inspections of existing dams in Ashtabula County.	Old Number 2.1.3. ODNR conducts regular inspections. ODNR thus completes this action per the agency's routine operations.
COMPLETED	Coordinate with the County GIS Department and develop a mapping project of all the dry hydrants located within the county.	Old Number 3.1.1. The Ashtabula County Map Viewer contains a data layer entitled "Hydrants" that contains dry hydrants.
COMPLETED	Establish an enforceable open burning ban to be implemented during droughts.	Old Number 3.1.3. The county and municipalities follow ORC 1503.18 and OAC 3745.19. Several jurisdictions (e.g., Ashtabula City, Saybrook Twp.) have ordinances restricting open burning relative to sizes and purposes of fires.
COMPLETED	Develop and implement a domestic water management/conservation program.	Old Number 3.2.2. Utilities routinely issue water conservation directives, boil water advisories, etc. when needed. Utilities base that process on applicable state and local regulations, and it is well-practiced.
COMPLETED	Seek funding to promote the use of dry hydrants as well as the existing programs available.	Old Number 3.2.4. Agencies have access to several dry hydrants throughout the county. These locations appear on the hydrants mapping layer in the Ashtabula County Map Viewer.
COMPLETED	Provide NOAA weather radios to all critical facilities within Ashtabula County.	Old Number 5.2.2. The county EMA's mass notification system supports rapid notification to critical facilities and the public preceding/during weather events. In Jefferson Village, the police department monitors the weather on LEAD and makes notifications as necessary. The village recognizes a need to incorporate weather radios in all village buildings.
COMPLETED	In future risk assessments, thoroughly analyze the county's vulnerability to hazardous materials incidents.	Old Number 6.1.1. The county LEPC regularly analyzes the risk and vulnerability associated with hazardous materials per Ohio's EPCRA legislation. The LEPC thus completes this action per its routine activities.
COMPLETED	Develop a public education program for informing residents about the benefits of having NOAA radios and Family Disaster Plans, which will help them better, respond to an emergency situation.	Old Number 7.1.1. On November 1, 2018, Geneva-on-the-Lake held a meeting for homeowners along Old Lake Road to share ODNR guidance. Further, this action was consolidated into the general education action during the 2019 update.

INACTIVE PROJECTS		
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COMPLETED	Coordinate with the National Weather Service (NWS) to receive better coverage and earlier notification for Ashtabula County, to warn residents of impending severe thunderstorm conditions.	Old Number 7.1.2. The NWS regularly issues severe weather advisories, watches, and warnings as a matter of its regular operations. Several locations throughout the county have NOAA radios, and most people in the county receive NWS information via mobile devices.
COMPLETED	Coordinate with the National Weather Service to warn residents of impending severe winds and possible tornado conditions, and provide/encourage NOAA radios for all critical facilities within the county.	Old Number 8.1.1. The NWS regularly issues severe weather advisories, watches, and warnings as a matter of its regular operations. Several locations throughout the county have NOAA radios, and most people in the county receive NWS information via mobile devices.
COMPLETED	Evaluate the school systems within Ashtabula County to ensure proper awareness and the ability to react to tornadoes.	Old Number 8.1.3. State code requires schools and school systems to maintain emergency operations plans. Ashtabula County's school systems maintain and regularly test those plans.
COMPLETED	Seek funding to increase manpower and equipment for townships, cities and villages for debris removal.	Old Number 8.2.1. This project was completed through the creation of MOUs with appropriate agencies (e.g., other villages, contractors, etc.).
COMPLETED	In future risk assessments, thoroughly analyze the county's vulnerability to the various types of terrorist incidents.	Old Number 10.1.1. Local officials consider these threats through a variety of other initiatives, including Perry Nuclear Power Plant preparedness efforts.
COMPLETED	Develop and/or enhance terrorist annexes in county Emergency Operations Plans (EOPs).	Old Number 10.1.2. The Ashtabula County EMA updated the county's EOP in 2018. The update was a full re-write which ensured the inclusion of appropriate incident-specific annexes.
COMPLETED	Establish a communications system that will allow all jurisdictional fire and police departments to communicate with each other during large-scale emergency situations.	Old Number 12.1.1. Ashtabula County agencies participate in the Ohio MARCS system.
COMPLETED	Develop an integrated communications system that will allow surrounding counties to communicate with Ashtabula County, as a means of facilitating a regional response during hazard situations.	Old Number 12.1.2. Like Ashtabula County agencies, numerous agencies in jurisdictions surrounding Ashtabula County (in Ohio) utilize the MARCS system. Applicable jurisdictions/agencies have also worked with partners in Crawford and Erie Counties in Pennsylvania to support tactical communications capabilities.