

5.0 APPENDICES

APPENDIX 2: PROJECT PRIORITIZATION

This appendix contains a spreadsheet used to calculate project prioritization scores. Scores were then utilized to place each mitigation action or project in to a “High”, “Medium”, or “Low” category. Section 3.2 – Mitigation Strategy; Project Prioritization outlines the “STAPLEE” evaluation criteria used to prioritize the mitigation actions.

ASHTABULA COUNTY HAZARD MITIGATION PLAN (2025 UPDATE)

Mitigation Strategy Prioritization

Definition of Priority Scoring

5		Best outcome for each criterion (e.g., very few negative social impacts, minimal (or doable in-house) administrative requirements, etc.)
4	↓	High = 36 to 32
3	↓	Medium = 31 to 27
2	↓	Low = 26 to 22
1		Worst outcome for each criterion (e.g., significant political drawback, economically unfeasible, negative environmental consequences, etc.)

STRATEGY		PRIORITY CATEGORIES								SUM	RES. PRIORITY
Number	Description	Social Impacts	Technical Feasibility	Admin. Requirements	Political Impacts	Legal Ramifications	Env. Impacts	Economic / Cost Benefit	Hazard Ranking		
AC-AH.1	Undertake periodic public awareness campaigns to educate the public on the benefits of mitigation and preparedness, as well as how to respond appropriately to myriad hazards.	5	5	4	5	5	5	4	3	36	HIGH
AC-FI.4	Install floodwater depth gauges along roadways that often flood which display the depth of floodwaters. Make signs reflective to increase nighttime visibility.	4	5	5	4	5	5	4	3	35	HIGH
AC-AH.3	Encourage residents, critical facilities, etc. throughout Ashtabula County to sign-up for wireless emergency alerts disseminated by the Ashtabula County EMA.	4	5	4	5	5	5	3	3	34	HIGH
AC-CI.1	Continue to educate county employees on cyber hygiene. Coordinate with Ohio Cyber Integration Center to disseminate information to improve cyber security.	4	4	4	4	5	5	3	3	32	HIGH

AC-SW.1	Obtain more equipment to pretreat more roadways quicker, ahead of heavy snow and ice events.	5	2	4	5	5	4	3	3	31	MEDIUM
AC-IS.2	Implement an invasive species education program to include hazards, identification, behavior, and quarantine procedures.	3	4	4	4	5	5	4	2	31	MEDIUM
AC-CI 2	Identify appropriate agencies to conduct a gap analysis to detect and prioritize cyber security needs across county owned critical assets.	4	3	3	5	4	5	3	3	30	MEDIUM
AC-HZ.1	Conduct an update to the existing commodity flow study to identify what hazmat and the volumes being transported through the county.	3	3	3	5	5	5	4	2	30	MEDIUM
AC-IS.1	Continue to coordinate with greenhouse owners and conduct inspections of greenhouses to identify possible invasive species that could be sold and planted throughout the county.	4	4	4	3	4	5	3	2	29	MEDIUM
AC-SS.1	Develop mapping which illustrates areas of dense vulnerable populations most impacted by power outages.	5	3	3	3	5	5	2	2	28	MEDIUM
AC-TR.1	Provide guidance and drills for schools, churches, government agencies, health care facilities, and other critical facilities regarding active assailant threats.	5	3	3	3	5	5	3	1	28	MEDIUM
AC-AH.2	Identify existing sites that could serve as emergency shelters throughout Ashtabula County.	3	3	3	3	4	4	4	3	27	MEDIUM

AC-DF.1	Collect updated Emergency Action Plans (EAPs) for Class I/II structures and create a GIS layer of inundation areas that appear in EAPs. Include downstream structures in the layer to support calculation of loss estimates.	3	2	3	4	5	5	3	2	27	MEDIUM
AC-UF.1	Encourage critical facilities to develop Continuity of Operations Plans (COOPs).	4	3	3	2	4	5	4	2	27	MEDIUM
AC-AH.4	Develop a tree maintenance program for trimming and pruning trees to help prevent damage from falling limbs.	4	3	3	3	4	3	3	3	26	LOW
AC-FL.3	Consider traditional flood mitigation projects such as acquisition and relocation, elevation, etc. of flood-prone properties.	3	4	3	2	3	4	4	3	26	LOW
AC-DF.2	Rehabilitate HHPDs when they pose unacceptable risks to the public. Rehabilitation activities can include rehabilitation or removal of the structure, engineering activities, land use solutions, etc.	3	3	3	4	5	3	3	2	26	LOW
AC.PH.1	Enhance trails and recreation facilities and preserve parks and open space to promote health. Partner with local health district to leverage existing trails and recreational amenities for public health benefits.	4	3	3	2	4	4	3	2	25	LOW
AC-FL1	Undertake stream restoration projects; clean or dredge creeks and streams, clearing log jams, trees, shrubs, and sediment bars.	4	3	2	3	3	3	3	3	24	LOW

AC-FL.2	Consider installing, re-routing, or increasing the capacity of existing storm drainage systems, which may involve detention and retention ponds. Consider sewer infiltrations and inflow projects.	4	3	3	2	3	3	3	3	24	LOW
AC-CE.1	Pursue funding sources/partnerships to strategically place groins, break walls, revetment structures, riparian buffers, and other appropriate structures to slow erosion.	4	2	3	3	3	3	3	1	22	LOW