F.) PROPOSED HAZARD MITIGATION INITIATIVES

Initiative #	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals / Objectives Met	Lead Agency	Estimated Cost	Sources of Funding	Time-line
VSK-1a	Where appropriate, support retrofitting of structures located in hazard-prone areas to protect structures from future damage, with repetitive loss and severe repetitive loss properties as priority. Identify facilities that are viable candidates for retrofitting based on cost-effectiveness versus relocation. Where retrofitting is determined to be a viable option, consider implementation of that action based on available funding.	Existing	Flood, Severe Storm	1-1, 1-2, 1-6; 2-5, 2-6; 3-2, 3-5, 6-1	Municipality (likely through NFIP Floodplain Administrator)	High	FEMA Mitigation Grant Programs and local match	Long-term
VSK-1b	Where appropriate, support purchase, or relocation of structures located in hazard-prone areas to protect structures from future damage, with repetitive loss and severe repetitive loss properties as priority. Identify facilities that are viable candidates for relocation based on cost-effectiveness versus retrofitting. Where relocation is determined to be a viable option, consider implementation of that action based on available funding.	Existing	Flood, Severe Storm	1-1, 1-2, 1-6; 2-5, 2-6; 3-2, 3-5; 6-1	Municipality (likely through NFIP Floodplain Administrator)	High	FEMA Mitigation Grant Programs and local match	Long-term
VSK-2	Consider participation in incentive-based programs such as CRS.	New & Existing	Flood	1-1, 1-3, 1-7; Goal 2 – All Objectives	Municipality (likely through NFIP Floodplain Administrator)	Low - Medium	Local Budget	Shorterm
VSK-3	Continue to support the implementation, monitoring,	New & Existing	All Hazards	All Goals and	Municipality (through	Low	Local Budget,	Ongoing

Initiative #	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals / Objectives Met	Lead Agency	Estimated Cost	Sources of Funding	Time-line
	maintenance, and updating of this Plan, as defined in Section 7.0			Objectives	mitigation planning point of contacts)		possibly FEMA Mitigation Grant Funding for 5-year update	
VSK-4	Strive to maintain compliance with, and good-standing in the National Flood Insurance program.	New & Existing	Flood	2-4; 3-5, 3-6	Municipality (likely through NFIP Floodplain Administrator)	Low	Local Budget	Ongoing
VSK-5	Continue to develop, enhance, and implement existing emergency plans.	New & Existing	All Hazards	1-4; 5-5; Goal 6 – All Objectives	Municipal Emergency Manager with support from County OEM and SEMO	Low - Medium	Local Budget	Ongoing
VSK-6	Create/enhance/ maintain mutual aid agreements with neighboring communities.	New & Existing	All Hazards	3-3; 5-2, 5-3, 5-5, 5-6; 6-5, 6-6	Local Emergency Management, DPW and Roads	Low - Medium	Local Budget	Ongoing
VSK-7	Support County-wide initiatives identified in Section 9.1 of the County Annex.	New & Existing	All Hazards	All Goals and Objectives	Local departments (as applicable for specific initiative)	Low - Medium	Local Budget	Ongoing
VSK-8	Support/Participate in the Stream Team program offered by the Onondaga County SWCD, to assist in the removal of debris, log jams, etc. in flood vulnerable stream sections.	N/A	Flood, Severe Storms	1-3, 1-7; 2-3; 4-1,4-4; 5-1, 5-2, 5-3	County, OCSWCD (Mark Burger)	Medium	Local Budget	Short-term
VSK-9	West Lake Street Watershed - Flooding Mitigation and Protection of	Existing	Flood, Severe Storm	1-2, 1-6; 3-2, 3-7;	Municipality	Medium	FEMA Mitigation	Short

Initiative #	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals / Objectives Met	Lead Agency	Estimated Cost	Sources of Funding	Time-line
	Skaneateles (the source of drinking water for the City of Syracuse and the Village of Skaneateles). In this initiative, several technologies (BMP's) will be utilized to improve the quality and discharge rates of the stormwater. These include: a vortec structure that will intercept stormwater prior to entering the lake, several bio-retention areas with subdrains to collect stormwater and release at a controlled rate, and finally a subsurface retention system located near One Mile Creek to control discharge rates into the creek and provide sediment removal.			4-1, 4-2, 4-4; 5-2			Grant Programs and local match	
VSK-10	Mitigation of Potential Flooding and subsequent damage due to blockage of Skaneateles Creek. Assistance is required to clear debris from the City of Syracuse dam (located at the northern end of Skaneateles Lake and entrance to Skaneateles Creek) to the bridge located on Old Seneca Turnpike	Existing	Flood, Severe Storm	1-2, 1-6; 3-2, 3-7; 4-1, 4-2, 4-4; 5-1, 5-2, 5-3	County, OCSWCD (Mark Burger)	Medium - High	County	Short

Notes: DOF = Depending on Funding. FEMA = Federal Emergency Management Agency. Long = 5 years or greater. N/A = Not applicable. Short = 1 to 5 years. TBD = To be determined

*Does this mitigation initiative reduce the effects of hazards on new and/or existing buildings and/or infrastructure?

G.) ANALYSIS OF MITIGATION ACTIONS

This table summarizes the participant's mitigation actions by hazard of concern and the six mitigation types to illustrate that the Village has selected a comprehensive range of actions/projects.

Hazard of Concern	Mitigation Type					
	1. Prevention	2. Property Protection	3. Public Education and Awareness	4. Natural Resource Protection	5. Emergency Services	6. Structural Projects
Earthquake	VSK-3, VSK-7	VSK-3, VSK-7	VSK-3, VSK-7	VSK-3, VSK-7	VSK-3, VSK-5, VSK-6, VSK-7	VSK-3, VSK-7
Flooding (riverine, flash, coastal and urban flooding)	VSK-2, VSK-3, VSK-4, VSK-7, VSK-8	VSK-1a and b, VSK-2, VSK-3, VSK-4, VSK-7, VSK-9, VSK-10	VSK-1a and b, VSK-2, VSK-3, VSK-4, VSK-7	VSK-3, VSK-7, VSK-8, VSK-10	VSK-2, VSK-3, VSK-5, VSK-6, VSK-7	VSK-3, VSK-7
Ground Failure	VSK-3, VSK-7	VSK-3, VSK-7	VSK-3, VSK-7	VSK-3, VSK-7	VSK-3, VSK-5, VSK-6, VSK-7	VSK-3, VSK-7
Severe Storms (windstorms, thunderstorms, hail, lightning and tornados)	VSK-2, VSK-3, VSK-4, VSK-7, VSK-8	VSK-1a and b, VSK-2, VSK-3, VSK-4, VSK-7, VSK-9, VSK-10	VSK-1a and b, VSK-2, VSK-3, VSK-4, VSK-7	VSK-3, VSK-7, VSK-8, VSK-10	VSK-2, VSK-3, VSK-5, VSK-6, VSK-7	VSK-3, VSK-7
Severe Winter Storm (heavy snow, blizzards, ice storms)	VSK-3, VSK-7	VSK-3, VSK-7	VSK-3, VSK-7	VSK-3, VSK-7	VSK-3, VSK-5, VSK-6, VSK-7	VSK-3, VSK-7

Notes:

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