

6 Streamwood 2021 MJ-HMP Jurisdictional Annual Report

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Annual Reporting Year: 2021

Background: Cook County and participating municipalities in the county developed a hazard mitigation plan to reduce risk from all hazards by identifying resources, information, and strategies for risk reduction. The federal Disaster Mitigation Act of 2000 requires state and local governments to develop hazard mitigation plans as a condition for federal disaster grant assistance. To prepare the plan, the participating partners organized resources, assessed risks from natural hazards within the county, developed planning goals and objectives, reviewed mitigation alternatives, and developed an action plan to address probable impacts from natural hazards. By completing this process, these jurisdictions maintained compliance with the Disaster Mitigation Act, achieving eligibility for mitigation grant funding opportunities afforded under the Robert T. Stafford Act.

Purpose: The purpose of this report is to provide an annual update on the implementation of the action plan identified in the Cook County Multi-Jurisdictional Hazard Mitigation Plan. The objective is to ensure that there is a continuing and responsive planning process that will keep the Hazard Mitigation Plan dynamic and responsive to the needs and capabilities of the partner jurisdictions. This report discusses the following:

- Natural hazard events that have occurred within the last year
- Changes in risk exposure within the planning area (all of Cook County) Mitigation success stories
- Review of the action plan
- Changes in capabilities that could impact plan implementation
- Recommendations for changes/enhancement.

Hazard Analysis

Hazards that represent a county-wide risk are addressed in the Risk Assessment section of the 2019 Cook County Multi-Jurisdictional Hazard Mitigation Plan Update. This section only addresses the hazards and their associated impacts that are **relevant** and **unique** to the municipality.

Flood: Typically the result of heavy rains and causes road blockages

High Winds: Minor damage has been done due to winds caused by severe storms and the warning system must be maintained.

Snow and Heat: The elderly community ([10.8% are 62 and older](#)) is particularly susceptible and the community must maintain power in facilities to ensure the community can be safe.

Natural Hazard Events in 2021

Instructions: Please use the **Edit** Tool to describe new hazard occurrences/incidents from the past year that have impacted your jurisdiction and had a measurable impact on people or property. (Example: A tornado occurred on [Date] and impacted [insert area] and caused damage to [insert damages]). You may also use the Edit Tool to suggest any modifications/improvements to the hazards unique to your community, as described below from the 2019 plan.

Describe 2021 Natural Hazard Events Here: The Streamwood Fire Department had a powerful storm that rolled through on 8/10/2021 that knocked down a few power lines and caused some local street flooding. No damage was done to municipal infrastructure. The majority of our town has above grade power lines, and it would help if we had the power buried to mitigate future power outages.

Mitigation Strategies and Actions

The heart of the mitigation plan is the mitigation strategy, which serves as the long-term blueprint for reducing the potential losses identified in the risk assessment. The mitigation strategy describes how the community will accomplish the overall purpose, or mission, of the planning process.

New Mitigation Actions

Please submit [here](#)

Ongoing Mitigation Actions

The following are ongoing actions. During the 2019 update, these "ongoing" mitigation actions and projects were modified and/or amended, as needed. Reviewers of this report should refer to the Hazard Mitigation Plan for more detailed descriptions of each action and the prioritization process. Address the following for each mitigation action:

- Was any element of the action carried out during the reporting period?
- If no action was completed, why?
- Is the timeline for implementation or the action still appropriate?
- If the action was completed, does it need to be changed or removed from the action plan?

TABLE: HAZARD MITIGATION ACTION PLAN MATRIX

Completion status legend:								
			N = New	O = Action Ongoing toward Completion				
			C = Project Completed	R = Want Removed from Annex	X = No Action Taken			
2021 Status	2020 Status	2019 Status	Hazards Mitigated	Objectives Met	Lead Agencies	Estimated Cost	Sources of Funding	Timeline/Projected Completion Date (a)
Action S11.1 —Integrate the hazard mitigation plan into other plans, ordinances, or programs to dictate land uses within the jurisdiction								
Status Description:								
O		Ongoing	All	1, 2, 3, 9, 10	Village	Low	General	Ongoing
Action S11.2 —Continue to support the county-wide initiatives identified in this plan								
Status Description:								
-	-	Completed	All	All	County	Low	General	Completed
Action S11.3 —Actively participate in the plan maintenance strategy identified in this plan								
Status Description:								
O		Ongoing	All	1, 2	Village	Low	General	Ongoing
Action S11.4 —Continue to maintain compliance and good standing under the National Flood Insurance Program (NFIP) Maintain good standing under the National Flood Insurance Program by implementing programs that meet or exceed the minimum NFIP requirements. Such programs include enforcing an adopted flood damage prevention ordinance, participating in floodplain mapping updates, and providing public assistance and information on floodplain requirements and impacts.								
Status Description:								
O		Ongoing	Flood	1, 2, 3, 4, 6, 8	Village	Low	General	Ongoing
Action S11.5 —Maintain the municipality's tornado warning system								
Status Description:								
-	-	Completed	Tornado	1, 2, 5	Village	\$20,000; Low	General	Completed
Action S11.6 —Maintain or upgrade the municipality's reverse 911 communication system								
Status Description:								
-	-	Completed	All	1, 2, 5	Northwest Central Dispatch System	\$20,000; Low	Emergency Telephone System Board	Completed
Action S11.7 —Update the municipality's emergency operations center								
Status Description:								
O		Ongoing	Multi-Hazard	1, 2, 5, 8	Village	\$100,000; High	General, EOC Grants	Long-term
Action S11.8 —Where appropriate, support retrofitting, purchase, or relocation of structures in hazard-prone areas to prevent future structure damage. Give priority to properties with exposure to repetitive losses.								
Status Description:								
O		Ongoing	All	7, 13	Village	High	FEMA Hazard Mitigation Grants	Long-term (depending on funding)
Action S11.9 —Upgrade emergency power connection capabilities at critical facilities.								
Status Description:								
O		New	Widespread Power Outage	2	Village	\$25,000; Medium	Local Funds	2021
Action S11.10 —Bury above ground power								
Status Description:								
N	-	-	ALL	3, 4	-	High	-	-

(a) Ongoing indicates continuation of an action that is already in place. Short-term indicates implementation within five years. Long-term indicates implementation after five years.

Mitigation Success Stories: Examples of mitigation success stories include, but are not limited to: received a Grant, completed a major mitigation project, etc.

Future Needs: Examples of future needs include, but are not limited to: receiving training to better understand the mitigation grant application process, studies

that may be needed to better understand hazards/risks, etc.

6.1 Action S11.10

Mitigation Action	Bury above ground power
Year Initiated	2021
Applicable Jurisdiction	Village of Streamwood
Lead Agency/Organization	-
Supporting Agencies/Organizations	-
Applicable Goal	<ul style="list-style-type: none"> • Protect public services and critical facilities, including infrastructure, from loss of use during natural hazard events. • Involve stakeholders to enhance the local capacity to mitigate, prepare for, and respond to the impacts of natural hazards.
Potential Funding Source	-
Estimated Cost	Unknown
Benefits (loss avoided)	loss of personal property and reduce flooding
Projected Completion Date	-
Priority and Level of Importance (Low, Medium, High)	Low Priority
Benefit Analysis (Low, Medium, High)	Low—Long-term benefits of the project are difficult to quantify in the short term.
Cost Analysis (Low, Medium, High)	High—Existing funding will not cover the cost of the project; implementation would require new revenue through an alternative source (for example, bonds, grants, and fee increases).
Actual Completion Date	-

Recommended Mitigation Action/Implementation Plan and Project Description

Action/Implementation Plan and Project Description:	Bury above ground power grid to lessen the chances of power outages village wide.
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Mitigation Action and Project Maintenance

Year	Status	Comments
2019		
2020		
2021	New	
2022		
2023		

Mitigated Hazards

X	All Hazards
	Dam/Levee Failure
	Drought
	Earthquake
	Flood
	Extreme Heat
	Lightning
	Hail
	Fog
	High Wind
	Snow
	Blizzard
	Extreme Cold
	Ice Storms
	Tornado
	Epidemic or pandemic
	Nuclear Power Plant Incident
	Widespread Power Outage
	Coastal Erosion
	Secondary Impacts from Mass Influx of Evacuees
	Hazardous Materials Incident