

6 Lincolnwood 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.

Dam/Levee: We have not recently experienced dam/levee failure.

Flood: The community is prone to flooding from rainfall (not river/lake flooding).

Extreme Heat: We have developed a group of cooling centers within the Village. In the case of extreme heat, we activate these centers when needed. While no recorded extreme heat events have occurred, temperatures in the summer have increasingly warmed and the Village has taken this preventative step to protect the community.

Lightning: We maintain exposure to seasonal storms. To mitigate the impacts of this hazard, we have lightning warnings in our pool and major park.

Hail: We have little damage from hail.

Fog: We face little to no risk from fog.

High Winds: We hold moderate risk to high winds through seasonal storms.

Earthquake: We maintain a low risk to this hazard.

Drought: We maintain a low risk to this hazard.

Snow: We maintain a moderate risk to this hazard.

Blizzard: We maintain a moderate risk to this hazard. The population has a high percentage of foreign-born persons where English is not the primary language and the population tends to be on the older side (medium age of 46). The Village must prepare to protect all vulnerable communities and ensure the messaging is delivered in multiple languages.

Extreme Cold: We maintain a moderate risk to this hazard.

Ice Storms: We maintain a moderate risk to this hazard.

Tornado: We maintain a low risk to this hazard.

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: [Type Here]

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 L5.1 —Update the Villages Emergency Operations Plan with Cook County								
Status Description: Completed								
2020: The Village updated the Emergency Operations Plan in December 2020.								
C	Completed	Ongoing	All Hazards	1, 2, 5, 8	Fire Dept.	Medium	Village Funds	Short-term
Action L5.2 —Fortify electrical backup capabilities of the Village standpipe with a new emergency generator & transfer switch.								
Status Description: Completed								
2020: This item is ongoing.								
O	Ongoing	Ongoing	All	1, 2	Public Works	\$167,000; Medium	Tax Increment Financing Funds	Completed
Action L5.3 —Fortify electrical backup capabilities of the Public Works Building with new emergency generator & transfer switch.								
Status Description: Completed								
2020: This item has been completed.								
C	Completed	Completed	All	1, 2	Public Works	\$167,000	Tax Increment Financing Funds	Completed
Action L5.4 — Integrate the hazard mitigation plan into other plans, programs, or resources that dictate land use or redevelopment.								
Status Description: This item is ongoing.								
2020: This item is ongoing.								
O	Ongoing	Ongoing	All Hazards	1, 2, 5, 8	Fire Dept.	Low	Village Funds	Short-term
Action L5.5 —Complete Water Survey evaluating current water supply and make recommendations to enhance and bolster existing capabilities.								
Status Description: In progress through our Water Rate RFQ.								
2020: This item is ongoing as the Village continues to bolster existing capabilities.								
O	Ongoing	Completed	Drought	1, 12, 13	Public Works	\$15,000; Medium	Village Funds	Completed
Action L5.6 —Replace all fire hydrants & water mains along Crawford Ave Re-Construction.								
Status Description: Completed.								
2020: This item has been completed.								
C	Completed	Completed	All Hazards	1, 2, 5, 8	Public Works	\$302,119; Medium	General Fund	Completed
Action L5.7 —Rebate program for residents to improve reoccurring indoor flood control due to severe weather.								
Status Description: This item is ongoing though our private flood control rebate program and private drainage rebate program.								
2020: This item is ongoing.								

O	Ongoing	Ongoing	Flooding	7, 11	Public Works	\$30,000; Medium	General Fund	May 2015
Action L5.8 —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: This item is ongoing through our Street Storage Program.								
2020: This item is ongoing.								
O	Ongoing	Ongoing	All	7, 13	Village of Lincolnwood	High	FEMA Hazard Mitigation Grants	Long-term (depending on funding)
Action L5.9 —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: This item is ongoing.								
2020: This item is ongoing.								
O	Ongoing	Ongoing	Flooding	4, 6, 9	Village of Lincolnwood	Low	General Fund	Short-term and ongoing
Action L5.10 —Continue to support the countywide actions identified in this plan.								
Status Description: This item is ongoing.								
2020: This item is ongoing.								
O	Ongoing	Ongoing	All	All	Village of Lincolnwood	Low	General Fund	Short- and long-term
Action L5.11 —Actively participate in the plan maintenance strategy identified.								
Status Description: This item is ongoing.								
2020: This item is ongoing.								
O	Ongoing	Ongoing	All	3, 4, 6	DHSEM, Village of Lincolnwood	Low	General Fund	Short-term
Action L5.12 —Update the Village's Building & Fire Codes.								
Status Description: This item has been completed.								
2020: This item has been completed.								
C	Completed	New	All	10, 13	Lincolnwood Economic Development Department	\$5,000.00; High	Local Funds	2020
Action L5.13 —Generator Study – The Village will be undertaking a study in 2019 to determine the emergency power needs of the municipal campus, which includes the Village Hall, Police, and Fire Departments. The current generator does not provide power to all outlets.								
Status Description: Completed.								
2020: This item is ongoing.								
O	Ongoing	New	Extreme Heat, Snow, Extreme Cold, Ice Storms, Tornado, Widespread Power Outage	1, 12, 13	Lincolnwood Public Works	\$15,000; High	Local Funds	2019
Action L5.14 —Install the North Shore Outfall Sewer for Flooding Relief.								
Status Description: Completed.								
2020: This item has been completed.								
C	Completed	New	Flood	1, 2, 4, 9, 12	Lincolnwood Public Works	\$3.4 Million; High	\$1.4 million funded by the MWRD; remaining is local funds	2019
Action L5.15 —Adjust Piping at Pump House to Allow Water to By-Pass.								
Status Description: Completed.								
2020: This item has been completed.								

C	Completed	New	All	1, 12	Lincolnwood Public Works	\$10.5 Million; High	Local Funding	2019
Action L5.16 —Implement 10-Year Infrastructure Improvement Plan.								
Status Description: This item is ongoing and is currently being implemented.								
2020: This item is ongoing and is currently being implemented.								
O	Ongoing	New	All	1, 2, 3, 7, 12	Lincolnwood Public Works	\$1 Million/ Year ; High	Local Funds	2030
Action L5.17 —Replace Lead Service Lines.								
Status Description: This item is ongoing.								
2020: This item is ongoing.								
O	Ongoing	New	All	1, 2, 3, 7, 12	Lincolnwood Public Works	High	Local Funds	2029
Action L5.18 —Implement Potable Water Standpipe Rehabilitation.								
Status Description: Completed.								
2020: This item has been completed.								
C	Completed	New	All	1, 2, 3, 7, 12	Lincolnwood Public Works	\$860,000; High	Local Funds	2019
Action L5.19 —Improve Street Storage of Rainfall.								
Status Description: Completed.								
2020: This item is ongoing.								
O	Ongoing	New	Flood	1, 2, 3, 7, 12, 13	Lincolnwood Public Works	\$230,000; High	Local Funds	2022
Action L5.20 —Review and update the Village's Emergency Operations Plan.								
Status Description: Completed.								
2020: This item has been completed.								
C	Completed	New	All	1, 5	Lincolnwood Fire Department	\$5,000; Low	Local Funds	2020
Action L5.20 —Begin construction of New Storm Sewers and Outfall along North Shore Avenue.								
Status Description: Completed.								
2020: This item has been completed.								
C	Completed	New	Flood	1, 2, 3, 7, 12	MWRD	\$3,600,000	MWRD	TBD
Action L5.21 —Re-establish the Village's Emergency Team (E-Team)								
Status Description: This item is ongoing.								
O	New	N/A	Earthquake, Flood, Snow, Tornado, Widespread Power Outage	5	Village of Lincolnwood	None-Low	Staff	2021
(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 L5.21

Mitigation Action	Re-establish the Village's Emergency Team (E-Team)
Year Initiated	2020
Applicable Jurisdiction	Village of Lincolnwood
Lead Agency/Organization	Village of Lincolnwood
Supporting Agencies/Organizations	Village of Lincolnwood
Applicable Goal	<ul style="list-style-type: none"> Develop, promote, and integrate mitigation action plans.
Potential Funding Source	Staff
Estimated Cost	None-Low
Benefits (loss avoided)	Village staff will be more prepared emergency situations
Projected Completion Date	2021
Priority and Level of Importance (Low, Medium, High)	Low Priority
Benefit Analysis (Low, Medium, High)	Medium—Project will have a long-term impact on the reduction of risk exposure for life and property, or project will provide an immediate reduction in the risk exposure for property.
Cost Analysis (Low, Medium, High)	Low—The project could be funded under the existing budget. The project is part of or can be part of an ongoing existing program.
Actual Completion Date	

Recommended Mitigation Action/Implementation Plan and Project Description

Action/Implementation Plan and Project Description:	<p>Historically, the Village has maintained an Emergency Team (E-Team). Typically, there are 1-2 employees per each department that are part of this team. These employees are given backpacks with emergency supplies. In the event of an emergency situation (fire, power outage, etc.), these employees act as the emergency correspondent's for their respective departments. In recent year, the E-Team has not met on a regular basis. Some supplies are dated.</p> <p>In 2021, the Village will retrain all members of the E-Team, and review and replace items in the respective backpacks.</p>
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Mitigation Action and Project Maintenance

Year	Status	Comments
2019		
2020	New	
2021		
2022		
2023		

Mitigated Hazards

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