

6 Elmwood 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: Previously, during heavy (100 yr.) rain events the community has experienced street flooding on 73rd Ave and Bloomingdale and various streets where sewers are covered with debris. In 2011, Thunderstorms produced torrential rainfall across central and southeast Cook County with rainfall rates between 2 and 4 inches per hour which caused widespread flash flooding. In Elmwood Park, several feet of water covered Oak Leaf Avenue with numerous cars stranded in the flood waters. About eight cars were stalled out along 80th Avenue. In 2014, An isolated thunderstorm dropped south across Cook County producing heavy rains that resulted in isolated flooding. A CoCoRaHS observer measured 1.18 inches in 35 minutes.

Extreme Heat: The Village's elderly population is susceptible to the impacts of extreme heat-induced power outages. In 1996, three days of heat indices above 100 degrees, contributed to a death in Elmwood Park.

Lightning: Previously, the Village's power lines were affected by lightning strikes.

High Winds: The Village of Elmwood Park has experienced loss of power as a result of downed trees and power lines from high winds. In 2018, a tree was blown down through a fence.

Snow: The community experiences difficulty maintaining the safety of the streets following heavy snow events.

Blizzards: The community struggles to remove snow following blizzards.

Extreme Cold: Previously, the Village has experienced frozen pipes during extreme cold events. In 2011, an 82 year old male died from cold exposure in Elmwood Park in Cook County on January 16th. Low temperatures were in the single digits.

Ice Storms: The community has experienced downed power lines and fallen tree limbs after ice storms.

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: [None]

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

The property at the SW corner of 73rd Ct. and Bloomingdale has been purchased and a plan has been made to demolish the structure and install drainage system / underground box culvert for that exact corner.

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 E6.1 —Flood Mitigation Project to reduce sewer backups.								
Status Description:								
2020: Completed 39 million dollar flood project was completed in 2015								
-	-	Completed	Flooding, Severe Weather	2, 9	Village Administration	\$39 million; Low	Loans and Grants	Completed
Action E6.2 —Perform community outreach/ public education through the use of Blackboard Connect (Mass Notification).								
Status Description:								
2020: Completed Alerts for residents, such as heavy snow, flooding, thunderstorms, as well as steps to reduce loss of property thru pre-event planning.								
-	-	Completed	All	5, 6	Village Administration, Fire, Police and Public Works Departments	\$15,000; Low	General Fund	Completed
Action E6.3 —Assist residents in flood prone areas with financial assistance for retro-fitting homes with approved flood control systems.								
Status Description:								
2020: Assist residents for applying for a grant to install flood control systems in their homes.								
-	-	Completed	Flooding, Severe Weather	7, 13	Village Administration and Code Enforcement	\$150,000; Medium	Elmwood Park Water Fund	Ongoing
Action E6.4 —Update existing outdoor warning sirens.								
Status Description:								
2020: outdoor warning system updated and tested the first Tuesday of every month.								
-	-	Completed	All	5, 6	Village Administration and Fire Department	\$25,000; Low	Grants	Completed
Action E6.5 —Continue to support the countywide actions identified in this plan.								
Status Description:								
O		Ongoing	All	All	Village Administration	Low	General Fund	Short- and Long-term
Action E6.6 —Actively participate in the plan maintenance strategy identified in this plan.								
Status Description:								
O	-	Completed	All	3, 4, 6	DHSEM, Village Administration	Low	General Fund	Completed
Action E6.7 —Consider participation in incentive-based programs such as the Community Rating System, Tree City, and StormReady.								
Status Description:								
O		Ongoing	All	3, 4, 5, 6, 7, 9, 10, 11, 13	Village Administration	Low	General Fund	Long-term
Action E6.8 —Maintain good standing under the National Flood Insurance Program.								
Status Description:								

O	-	Completed	Flooding	4, 6, 9	Village Administration	Low	General Fund	Completed
Action E6.9 —Where feasible, implement a program to record high water marks following high-water events.								
Status Description:								
O		Ongoing	Flooding, Severe Weather	3, 6, 9	Village Administration	Medium	General Fund; FEMA Grand Funds (Public Assistance)	Long-term
Action E6.10 —Integrate the hazard mitigation plan into other plans, programs, or resources that dictate land use or redevelopment.								
Status Description:								
-	-	Completed	All	3, 4, 6, 10, 13	Burke Engineering	Low	General Fund	Completed
Action E6.11 —Consider the development and implementation of a Capital Improvements Program (CIP) to increase the Village's regulatory, financial and technical capability to implement mitigation actions.								
Status Description:								
O		Ongoing	All	1, 2, 7	Public Works	High	CIP component of General Fund (if implemented)	Long-term
Action E6.12 —Purchase property on the SW corner of 73rd Ave and Bloomingdale. It's the only property that is affected by a significant amount of rainfall at one time and is the most cost efficient measure to reduce property loss.								
Status Description:								
2020: Village purchased property at 1746 73rd Ave that always flooded. We have applied The work will include demolishing the existing structure, constructing an underground open-bottom detention basin, a rain garden, and new curb cuts with bioswales to manage overland flow, capture runoff, and reduce pollutant loads into the sewer system.								
O		New	Flood	7,9	Village of Elmwood Park	\$600,000	Own Funds	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.