

6 Norridge 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: Within the Village, several areas are prone to flooding. Some of these areas are low lying and were natural creek areas prior to development particularly along Oketo and Octavia Avenues. In 2018, Heavy rain produced flash flooding across portions of northern Illinois during the afternoon of August 7th. Storm total rainfall of 2.63 inches was measured in Norridge

Extreme Heat: Within the Village, homes are older, many without AC. Moreover, the community's demographic is largely composed of senior citizens. In particular, this population has been negatively impacted in the past by extreme heat. Just as well, the community has power back-ups in several large senior assisted living homes.

Severe Weather: In 2003, hail the size of quarters to walnuts was reported in Norridge. In 2012, multiple reports of hail up to the size of nickels were received between Norwood Park and Niles, including a report near the intersection of Touhy Avenue and Caldwell Avenue. A slow moving cold front sagged south across northern Illinois during the evening of May 3rd. Isolated severe thunderstorms initially developed over northern Illinois then became more widespread overnight as thunderstorms continued to develop upstream and train along the frontal boundary. In 2016, quarter size hail was reported near the intersection of Montrose and Ottawa.

Dam Failure: While no event has occurred, stormwater retention is needed especially for Octavia/Belle Plaine Avenue, Overhill/Giddings, Osage and Wilson.

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 N2.1 —Octavia/Belle Plaine Avenue. Build a stormwater retention chamber underground under the street to mitigating occurring flooding in the area. Two locations and two chamber each.								
Status Description:								
Ongoing	Ongoing	Ongoing	Urban Flooding, Severe Weather, Dam failure	1, 2, 3, 7, 9	Public Works	\$2,400,000	General Fund	2 years
Action N2.2 —Ozanam Ave/Belle Plane Avenue. Build a storm water retention chamber underground under the street to mitigating occurring flooding in the area. Two locations and two chamber each.								
Status Description:								
Ongoing	Ongoing	Ongoing	Urban Flooding, Severe Weather, Dam failure	1, 2, 3, 7, 9	Public Works	\$2,400,000	General Fund	2 years
Action N2.3 —Overhill/Giddings. Build a storm water retention chamber underground under the street to mitigating occurring flooding in the area. Two locations and two chamber each.								
Status Description:								
Complete-		Ongoing	Urban Flooding, Severe Weather, Dam failure	1, 2, 3, 7, 9	Public Works	\$2,400,00	General Fund	2 years
Action N2.4 —Osage and Wilson. Build a storm water retention chamber underground under the street to mitigating occurring flooding in the area. Two locations and two chamber each.								
Status Description:								
Ongoing	Ongoing	Ongoing	Urban Flooding, Severe Weather, Dam failure	1, 2, 3, 7, 9	Public Works	\$2,400,000	General Fund	2 years
Action N2.5 —Oketo/Wilson Cooperative. In the area of the Eisenhower Public Library between Hardwood Heights and Norridge this project would address reoccurring flooding by expanding drainage sewers, adding water chambers, and improving drain sewer by increasing pipe size.								
Status Description:								
Ongoing	Ongoing	Ongoing	Urban Flooding, Severe Weather, Dam failure	1, 2, 3, 7, 9	Norridge and Harwood Heights	\$3,100,000	General Fund from both agencies	5 years
Action N2.6 —Montrose/Thatcher Reservoir – Cooperative project with the Cook County Forest Preserve to control reoccurring flooding in residential homes in the area. This would expand a previous project to increase drain sewer size and expand the current reservoir. This would also include an underground pumping station from drainage water chambers.								
Status Description:								
Ongoing	Ongoing	Ongoing	Urban Flooding, Severe Weather, Dam failure	1, 2, 3, 7, 9	Norridge and Cook County Forest Preserve	\$5,700,000	General Fund from both agencies	5 years
Action N2.7 —Emergency Operations Center and Warming/cooling center. Norridge has an elderly population that is the highest in the area per capita. Severe weather is one of the most significant hazards and during storm the existing power infrastructure is old and has multiple failures. Norridge has opened the warming and cooling center to serve the population at the community center. This is also the location of our Emergency Operations Center.								
Status Description:								
-	Complete	Completed	All Hazards	1, 5, 8	Norridge	\$350,000	General Fund	Completed

Action N2.8 —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:								
Ongoing	Ongoing	Ongoing	All	7, 13	Village	High	FEMA Hazard Mitigation Grants	Long-term (depending on funding)
Action N2.9 —Continue to support the countywide actions identified in this plan.								
Status Description:								
Ongoing	Ongoing	Ongoing	All	All	Village	Low	General Fund	Short-and long-term
Action N2.10 —Actively participate in the plan maintenance strategy identified in this plan.								
Status Description:								
Ongoing	Ongoing	Ongoing	All	3, 4, 6	DHSEM, Village	Low	General Fund	Short-term
Action N2.11 —Consider participation in incentive-based programs such as the Community Rating System, Tree City, and StormReady.								
Status Description:								
Ongoing	Ongoing	Ongoing	All	3, 4, 5, 6, 7, 9, 10, 11, 13		Low	General Fund	Long-term
Action N2.12 —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:								
Ongoing	Ongoing	Ongoing	Flooding	4, 6, 9	Village Engineer	Low	General Fund	Short-term and ongoing
Action N2.13 —Where feasible, implement a program to record high water marks following high-water events.								
Status Description:								
Ongoing	Ongoing	Ongoing	Flooding, Severe Weather	3, 6, 9	Village	Medium	General Fund; FEMA Grant Funds (Public Assistance)	Long-term
Action N2.14 —Integrate the hazard mitigation plan into other plans, programs, or resources that dictate land use or redevelopment.								
Status Description:								
Ongoing	Ongoing	Ongoing	All	3, 4, 6, 10, 13	Village	Low	General Fund	Short-term
Action N2.15 - Create Family Disaster Plans and Supply Kits								
Status Description:								
Ongoing	Ongoing	New	All	6	Unknown	Low	Unknown	Unknown
(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.