

6 Worth 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.

Flooding: In 2006, Flash/Urban Flooding occurred on 114th Street east of Harlem Avenue and New England Avenue between 113th and 114th Streets. The streets were impassible.

Severe Weather: In 2003, a two-foot diameter tree limb was blown down and destroyed a camper because of Severe Winds.

Drought: Although no loss of life, livestock, crops, or property has ever been officially recorded within Cook County, on average, the nationwide annual impacts of drought are greater than the impacts of any other natural hazard. They are estimated to be between \$6 billion and \$8 billion annually in the United States and occur primarily in the agriculture, transportation, recreation and tourism, forestry, and energy sectors. Social and environmental impacts are also significant, although it is difficult to put a precise cost on these impacts.

Extreme Heat/Extreme Cold: Water mains infrastructures is 60 years old, there is risk that water mains breaks during the winter and summer season (when the fire department opens fire hydrant's to flush mains out).

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:

June 20-21, 2021 Overnight severe weather in adjacent towns. [June 20-21, 2021: Severe Weather Event Including EF-3 Tornado in Chicago Metro](#)

December 15-16, 2021 Strong Damaging Winds [December 15-16, 2021: Record Warmth Accompanied by Strong, Damaging Winds \(weather.gov\)](#)

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 W8.1 —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:								
-	-	Removed	All	7, 13	Village of Worth	High	FEMA Hazard Mitigation Grants	Removed
Action W8.2 —Continue to support the countywide actions identified in this plan.								
Status Description:								
-	-	Completed	All	All	Village of Worth	Low	General Fund	Completed
Action W8.3 —Actively participate in the plan maintenance strategy identified in this plan.								
Status Description:								
Ongoing		Ongoing	All	3, 4, 6	DHSEM, Village of Worth	Low	General Fund	Short-term
Action W8.4 —Consider participation in incentive-based programs such as the Community Rating System, Tree City, and StormReady.								
Status Description:								
Ongoing		Ongoing	All	3, 4, 5, 6, 7, 9, 10, 11, 13	Village of Worth	Low	General Fund	Long-term
Action W8.5 —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:								
-	-	Removed	Flooding	4, 6, 9	Village of Worth	Low	General Fund	Removed
Action W8.6 —Where feasible, implement a program to record high water marks following high-water events.								
Status Description:								
-	-	Removed	Flooding, Severe Weather	3, 6, 9	Village of Worth	Medium	General Fund; FEMA Grant Funds (Public Assistance)	Removed
Action W8.7 —Integrate the hazard mitigation plan into other plans, programs, or resources that dictate land use or redevelopment.								
Status Description:								
Ongoing		Ongoing	All	3, 4, 6, 10, 13	Public Works, Village Engineer	Low	General Fund	Short-term
Action W8.8 —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:								
Ongoing		Ongoing	All	1, 2, 7	Public Works	High	CIP component of general fund (if implemented)	Long term
Action W8.9 —Update water mains								
Status Description:								
No Action taken		New	Drought, Extreme Heat, Extreme Cold	1, 2, 7	Unknown	2 million; High	Unknown	Short term

(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.

Village of Worth perform sanitary sewer cleaning and televising in 2021. The results include the removal of debris and tree roots and restoring sewage conveyance in the system.

Completed the Normandy Avenue Storm Sewer Improvements that improved the conveyance of storm water from 111th Street to 115th Street.

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.

Funding for additional capital improvement projects, i.e. sewer lining, water system improvements, storm water improvements.