

6 Calumet Park 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: The western part of Calumet Park (Winchester, Lincoln, Hmihe) and the east side of I-57 (East of Ashland Ave.) are prone to flooding.

Extreme Heat: The senior citizens home (124th Morgan Street), as well as several seniors throughout town with medical needs (oxygen), are vulnerable to extreme heat.

High Winds: Previously, the Village has experienced high wind events that have caused trees to come down and block roads and/or take out power lines throughout the entire Village.

Snow: Heavy snow events have impacted the entire Village, causing impassable roads and rendering emergency crews unable to protect life and property.

Blizzards: Blizzards have impacted the entire Village, causing impassable roads and rendering emergency crews unable to protect life and property.

Extreme Cold: The Village's elderly population is particularly vulnerable to extreme cold. In addition, the Village has experienced busted water lines and main breaks as a result of extreme cold events.

Ice Storms: As a result of ice storms, the Village has suffered from unsafe roads and power outages.

Tornado: Previously, tornadoes have caused blocked roads, downed trees and power lines, and prevented emergency service access throughout the Village.

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 C2.1 —Educate property owners about flood mitigation techniques including using outreach activities to facilitate technical assistance program that address measures that citizens can take or facilitate funding for mitigation measures. | | | | | | | | |
| Status Description: | | | | | | | | |
| Ongoing | | Ongoing | Flood, Severe Weather | 1, 12 | Village | Low | Local, Grant | Short-term |
| Action C2.2 —Improve stormwater drainage capacity by increasing the capacity of the City's storm sewer drainage system. | | | | | | | | |
| Status Description: | | | | | | | | |
| Ongoing | | Ongoing | Flood, Severe Weather | 1, 2, 9, 13 | Village | High | Grant | Long-term |
| Action C2.3 —Assess vulnerability to severe wind using GIS to map areas that are at risk to the wind hazard associated with straight-line wind conditions. | | | | | | | | |
| Status Description: | | | | | | | | |
| Ongoing | | Ongoing | Severe Weather | 3, 4, 10 | Village | High | Grant | Long-term |
| Action C2.4 —Incorporate a GIS system/management plan for tracking permitting, land use patterns, tracking hazard data, and mapping risk for various hazards. | | | | | | | | |
| Status Description: | | | | | | | | |
| Ongoing | | Ongoing | Multi-hazard | 3, 4, 10 | Village | Medium | Grant | Short-term |
| Action C2.5 —Develop and maintain a database to track community vulnerability to known hazard areas. | | | | | | | | |
| Status Description: | | | | | | | | |
| Ongoing | | Ongoing | Multi-hazard | 1, 5, 6 | Village | Medium | Grant | Short-term |
| Action C2.6 —Protecting infrastructure and critical facilities from damage by engineering and/or retrofitting roads to withstand hazards. | | | | | | | | |
| Status Description: | | | | | | | | |
| Ongoing | | Ongoing | Multi-hazard | 1, 2, 9, 13 | Village | High | Grant | Long-term |
| Action C2.7 —Improve sewer capacity for stormwater and snowmelt by separating the combined sewer system. | | | | | | | | |
| Status Description: | | | | | | | | |
| Ongoing | | Ongoing | Food, Severe Weather, Severe Winter Weather | 1, 2, 9, 13 | Village | High | IEPA, Grants | Ongoing |
| Action C2.8 —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 | All | 7, 13 | Village | High | FEMA Hazard Mitigation Grants | Long-term (depending on funding) |
| Action C2.9 —Continue to support the countrywide actions identified in this plan. | | | | | | | | |
| Status Description: | | | | | | | | |
| Ongoing | | Ongoing | All | All | Village | Low | General Fund | Short-term |
| Action C2.10 —Actively participate in the plan maintenance strategy identified in this plan. | | | | | | | | |
| Status Description: | | | | | | | | |
| Ongoing | | Ongoing | All | 3, 4, 6 | DHSEM Village | Low | General Fund | Short-term |
| Action C2.11 —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 | Low | General Fund | Long-term |

| | | | | | | | | |
|---|--|---------|--------------------------|-----------------|--|-------------------|--|------------------------|
| Action C2.12 —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 | Flooding | 4, 6, 9 | Village | Low | General Fund | Short-term and ongoing |
| Action C2.13 —Where feasible, implement a program to record high water marks following high-water events. | | | | | | | | |
| Status Description: | | | | | | | | |
| Ongoing | | Ongoing | Flooding, Severe Weather | 3, 6, 9 | Village | Medium | General Fund; FEMA Grant Funds (Public Assistance) | Long-term |
| Action C2.14 —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 | Engineering Consultant acting as Village Engineer, Economic Development and Public Works Dept. | Low | General Fund | Short-term |
| Action C2.15 —Consider the development and implementation of a Capital Improvements Program 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 C2.16 —West Calumet Park flood mitigation program and Winchester Ave flood mitigation project. | | | | | | | | |
| Status Description: | | | | | | | | |
| X | | New | Flood | 9 | MWRD/Cook County | 2.5 million; High | TBD | 2022 |
| Action C2.17 —Veteran's Park Flooding Mitigation Project | | | | | | | | |
| Status Description: | | | | | | | | |
| X | | New | Flood | 3, 13 | Village | 2,346,883; High | Grants | 2021 |
| Action C2.18 —Green Alley Flood Mitigation Project | | | | | | | | |
| Status Description: | | | | | | | | |
| X | | New | Flood | 3, 13 | Village | 524,080; High | Grants and local funds | 2021 |
| Action C2.19 —Green Infrastructure: Intersection Project | | | | | | | | |
| Status Description: | | | | | | | | |
| X | | New | Flood | 3, 13 | Village | 462,642; High | Grants and local funds | 2021 |
| Action C2.20 —South Throop Street Flood Mitigation Project | | | | | | | | |
| Status Description: | | | | | | | | |
| X | | New | Flood | 2, 3, 12, 13 | Village | High | Grants and local 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.