

# 6 Chicago Ridge 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.

**Severe Weather/ Severe Winter Weather:** Chicago Ridge continues to be impacted by severe storms, severe winter storms, and straight-line winds. As a result, multiple activations of the EOC, power outages, deployments to address storm sewer back-up/cleaning, as well as, road closures have occurred.

**Flooding:** Flooding as a result of severe storms has occurred numerous times within Chicago Ridge. Recently, flooding between 95th and Harlem required one driver to be rescued.

**Earthquake:** Although earthquakes or their effects are not commonly felt in Chicago Ridge, earthquakes have happened on several occasions in Illinois over the last few decades. Chicago Ridge continues to prepare and mitigate against this hazards.

## 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)
<b>Action C5.1</b> —Construct water reservoir maintenance improvement projects.								
<b>Status Description:</b>								
X		Ongoing	Earthquake, Flood, Severe Weather/ Winter Weather	1, 2, 3, 4, 9, 12	Village		Village	Short-term
<b>Action C5.2</b> —Construct water distribution and sewer projects to strengthen system and ensure reliable public water and sewer services.								
<b>Status Description:</b>								
O		Ongoing	Earthquake	1, 2, 3	Village	High	Water and Sewer bonds	Long-term
<b>Action C5.3</b> —Maintain compliance and good standing under the National Flood Insurance Program.								
<b>Status Description:</b>								
C	-	Completed	Flood	8, 11, 12, 13	Village	Low	Village	Completed
<b>Action C5.4</b> —Participate in the Community Rating System (CRS).								
<b>Status Description:</b>								
O		Ongoing	Flood	8, 11, 12, 13	Village	Low	Village	Short-term
<b>Action C5.5</b> —Educating citizens regarding the dangers of extreme heat and cold and the steps they can take to protect themselves when extreme temperatures occur.								
<b>Status Description:</b>								
O		Ongoing	Extreme Heat, Extreme Cold	6, 8, 12, 13	Village	Low	HMGP/PDM, Village	Short-term
<b>Action C5.6</b> —Maintain the viability of all critical facilities and retrofit if necessary.								
<b>Status Description:</b>								
O		Ongoing	All	1, 2, 7, 9, 12	Village	High	HMGP/PDM, Village	Short-term
<b>Action C5.7</b> —Regular inspections of dams, upgrade/retrofit as necessary.								
<b>Status Description:</b>								
R		Ongoing	Dam Failure, Flood	1, 2, 9, 12	Village	Medium	HMGP/PDM, Village	Short-term
<b>Action C5.8</b> —Collect information and participate in programs which address emergency preparedness.								
<b>Status Description:</b>								
O		Ongoing	All	6, 8	Village	Low	Village	Long-term
<b>Action C5.9</b> —Plan for and maintain adequate road and debris clearing capabilities.								
<b>Status Description:</b>								
O		Ongoing	Severe Winter Weather	1, 2, 12	Village	Medium	Village	Short-term
<b>Action C5.10</b> —Mitigate increased runoff from new development.								
<b>Status Description:</b>								
O		Ongoing	Flood	3, 4, 9, 10, 12	Village	Medium	Developer	Short-term
<b>Action C5.11</b> —Promote waterway cleanup activities.								
<b>Status Description:</b>								
O		Ongoing	Flood	6, 8, 13	Village	Low	Village	Short-term
<b>Action C5.12</b> —Modify, relocate or bury infrastructure to reduce disruption or loss of service during hazards or disasters.								
<b>Status Description:</b>								
O		Ongoing	All	1, 2, 4, 6, 8, 10, 13	Village	High	HMGP/PDM, Village	Long-term

<b>Action C5.13</b> —Upgrade/retrofit bridges to provide floodplain clearance and meet seismic design standards.								
<b>Status Description:</b>								
O		Ongoing	Flood, Earthquake	1, 2, 6, 8	Village	High	HMGP/PDM, Village	Long-term
<b>Action C5.14</b> —Evaluate/upgrade the existing stormwater management system.								
<b>Status Description:</b>								
O		Ongoing	Dam Failure, Flood, Severe Weather, Winter Weather	1, 2, 9, 12	Village	High	HMGP/PDM, Village	Long Term
<b>Action C5.15</b> —Evaluate/upgrade transportation infrastructure for appropriate emergency access and evacuation capabilities.								
<b>Status Description:</b>								
O		Ongoing	All	1, 6, 8, 11, 13	Village	Low	HMGP/PDM, Village	Long Term
<b>Action C5.16</b> —Where appropriate, support retrofitting, purchase, or relocation of structures in hazard-prone areas to prevent future structural damage. Give priority to properties with exposure to repetitive losses.								
<b>Status Description:</b>								
O		Ongoing	All	7, 13	Village	High	FEMA Hazard Mitigation Grants	Long Term
<b>Action C5.17</b> —Continue to support the countywide actions identified in this plan.								
<b>Status Description:</b>								
O		Ongoing	All	All	Village	Low	General Fund	
<b>Action C5.18</b> —Actively participate in the plan maintenance strategy identified in this plan.								
<b>Status Description:</b>								
O		Ongoing	All	3, 4, 6	DHSEM Village	Low	General Fund	
<b>Action C5.19</b> —Consider participation in incentive-based programs such as the Community Rating System, Tree City, and StormReady.								
<b>Status Description:</b>								
C	-	Completed	All	3, 4, 5, 6, 7, 9, 10, 11, 13	Village	Low	General Fund	Completed
<b>Action C5.20</b> —Where feasible, implement a program to record high water marks following high-water events.								
<b>Status Description:</b>								
O		Ongoing	Flooding, Severe Weather	3, 6, 9	Village	Medium	General Fund; FEMA Grant Funds (Public Assistance)	Long-term
<b>Action C5.21</b> —Integrate the hazard mitigation plan into other plans, programs, or resources that dictate land use or redevelopment.								
<b>Status Description:</b>								
O		Ongoing	All	3, 4, 6, 10, 13	Burke Engineering	Low	General Fund	Short term
<b>Action C5.22</b> —Generator install on EOC								
<b>Status Description:</b>								
C		New	All	5	Emergency Management Agency	\$50,000; High	Local Funds	2019
<b>Action C5.23</b> —Streambank Stabilization along Melvina Ditch								
<b>Status Description:</b>								
O		New	Flood	9	MWRD	\$8,800,000	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.

Generator installed at EOC for heating/cooling center.

**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.